BEFORE THE BOARD OF ENVIRONMENTAL REVIEW OF THE STATE OF MONTANA

In the Matter of the Petitions of Teck ) Coal Limited and the Board of County ) Commissioners of Lincoln County, ) Montana, for review of ARM ) 17.30.632(7)(a) pursuant to Mont. Code) Ann. Section 75-5-203-Stringency ) Review of Rule Pertaining to Selenium ) Standard for Lake Koocanusa )

TRANSCRIPT OF PROCEEDINGS - PUBLIC HEARING
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Heard in the Auditorium
Montana Department of Public Health and Human Services

Helena, Montana
January 31, 2022

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10: 00 \text { a.m. }
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BEFORE HEARING EXAMINER ANDREW CZIOK

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WHEREUPON, the following proceedings were had and testimony taken, to-wit:

HEARING EXAMINER CZIOK: Good morning, everyone. My name is Drew Cziok. I'm a Hearing Examiner for the Board of Environmental Review, and I'm here to facilitate the public meeting to allow comment on the Board's stringency review of the selenium regulations.

Thank you for all for being patient with us this morning. We had some IT issues in the auditorium that we're using. Could somebody on here just confirm that you can hear me right now and that the audio is coming through? I see some thumbs up. Great.

So if everyone is familiar with the hand raising function, I'm going to use that to see how many folks we have today to make comment. If you know how to raise your hand on Zoom. I've got folks in the room as well, but $I$ want to be able to get an accurate count.

So could everyone who plans to speak today just raise their hand, so we can take a note of how many folks will be offering public comment. I'm seeing a lot of hands. Folks are figuring
this out. We're going to take a quick tally, so don't unclick that just yet. We've got three in the room as well, so that's 25. I'm going to do some quick math.

So in looking at how many people we have to comment today, and how much time we have, and I plan to give you all the full two hours. The IT issues are on us, so we're going to go a little bit past twelve noon today.

It looks like we've got space for about four minutes per speaker, so I'll be keeping time on that, and I'll just let folks know when they're getting close to that, especially on Zoom, since folks aren't here in the room. But I'll just let you know when we're getting close, and we'll go from there.

We're going to take proponents first, and then opponents. But I've heard from at least one party that they're offering more or less a neutral comment, so I'm going to put in the neutrals with the opponents. It doesn't mean that you're actually being designated as an opponent in this review, but we need to put you somewhere, so that will be where neutrals will be fitting in.

So if anyone in the room is here to
speak in support of this as a proponent, I'd love to see your hand at this point, and we'll start with you here, and then we'll go to the zoom folks. So do we have any proponents in the room?
(No response)
HEARING EXAMINER CZIOK: All right.
Seeing none -- Proponents. We do have a proponent in the room; is that right?

SENATOR CUFF: Yes.
HEARING EXAMINER CZIOK: If you want to come up to the -- you're not? Opponent?

SENATOR CUFF: No, I'm an opponent.
HEARING EXAMINER CZIOK: Opponent of the
review. So the question before the Board of Environmental Review is whether this regulation is more stringent than the federal standards. So if there are folks here to say that this record is more stringent, and that the additional review required under Montana Code Annotated 75-5-203 is necessary, that would make you a proponent today. I'm sorry if that's a little confusing.

SENATOR CUFF: I'm a proponent.
HEARING EXAMINER CZIOK: In that case,
it sounds like we do have someone who is coming up to speak in support of this stringency review. So
if you want to come up to the podium and introduce yourself.

We'll actually have you on a camera. It will be more clear when you get to the podium. You'll be able to see yourself, and then you'll be reflected in that as well.

SENATOR CUFF: Thank you. My name is Senator Mike Cuff. I represent Senate District 1 , Northwest Lincoln County, Lake Koocanusa, Libby Dam, and the Kootenai River. All the parts of it in Montana are in my district.

I live a mile or two from the river, from the lake, and a few miles from the mouth of the Elk River, and not far from the mining area. I've been familiar with the project a very long time. I was involved $I$ think actually before the real process began. When the working group first started, $I$ was involved.

Now, my concern is, yes, I believe that . 8 is lower than the Federal. I fully expected a lower standard was going to be imposed as we went along. Initially $I$ would have, $I$ thought it would probably be the 1.5 , equalling the federal, and $I$ did not expect it certainly to go below 1.0 , which the lake has been averaging for a number of years.

I was very surprised to see it at a. 8 .
And $I$ was very disappointed in the process that we went to to get that number. I have yet to see, I believe, the science. I haven't seen the actual science. I'd like to see a chart or something saying here are the water measurements, here are fish tissue measurements, and here is how we get to a . 8 standard rather than one of the others.

I'd like to know what is the point of endangerment, and what is the safety factor that was added in, so that it came down to the . 8 .

So yes, I very much do think that the process was hurried. I actually think the process was flawed. Many times $I$ asked to slow it down, talked to the Director of $D E Q$ to back it off a little bit, and help us to understand before we come to a major decision, and that never happened. It never happened, and the details and the science that $I$ kept asking for was not given.

I'm not standing alone. All the other State representatives, both from Lincoln County, stand with me. All three Lincoln Commissioners who have filed this action $I$ believe right now stood with me. I have testified in committees,
and I've asked for information. I don't believe we've heard it yet.

The DEQ presentation most recently last week was very detailed -- it was the best they've given, $I$ believe -- but $I$ still did not see what is the science that's driving the lowest standard in the world.

And $I$ understand it's site specific to Lake Koocanusa, but $I$ also heard at that meeting that there are a number of other bodies of water in Montana that perhaps have an elevated level of selenium above what's this standard, and that perhaps now we're going to be moving on across the state, which is kind of like divide and conquer. Take out the lonely little guys up in the corner of the state that are at the end of the road. If you're going to get to Lincoln County, you're either going to Canada, or you're going to Idaho, or Spokane. And we're at the end of the road.

We've been hurt by a number of other
federal land management decisions that may or may not have been necessary, and $I$ don't believe they were necessary.

But at any rate, $I$ fear we're bringing
in a new federal standard that may have some
economic negative impact on the county. I fear that other economic activity, most of which the County drains into that system.

And it takes one person to file an objection on a commercial project, timber sale or other kind of a project; and it takes one Judge who frequently upholds appeals in these cases.

And that is why I'm concerned. If the standard is real, if we truly need that to protect the people and the land of Lincoln County, prove it to me, and I'll be the biggest fighter in favor of it; but it hasn't been presented to me in that manner.

## All three Lincoln County Commissioners,

 all three State elected officials, are saying, "What's the proof?" So thank you for your time, and $I$ may want to present something later, or $I$ may ask for time to come back to the podium. Who knows?HEARING EXAMINER CZIOK: Hi, folks. I have a question that came in. I don't think it was broadcast to the entire group, but I'm happy to read it. It is a question from Vicki Marquis.
"Hi, Drew. I believe the Board order states that proponents and opponents will have equal total time, which $I$ interpret to mean the proponents will have one hour and the opponents will have one hour, instead of dividing the two hours among all speakers."

Given the number of people that we have, and the fact that it's a relatively short of amount of time to speak, and that parties have had extensive opportunities to offer written comment, I think $I$ would waste a lot more of your time dividing everyone up and figuring out which side you're on.

I think equally divided time means everyone who's come today to speak should be heard, regardless of which side that they're on, especially given that some folks are neutral.

If I'm wrong, I am happy to be corrected by the Board in that process, but I would disagree with your interpretation, while $I$ thank you for your input.

We're on to the next proponent. We're on to the online section. So folks, if you've got your hands raised just from my last count, if you want to uncheck that so that $I$ can see. Just everyone's hand go away for a moment. Then we're going to start with folks who want to speak as proponents, and then I'm going to come back in once again to make sure that we get everybody heard today.

So we'll give you a second to catch up, and then I'll assume that anyone who has got their hand up at this point is here to speak as a proponent. So we'll start there. How many do we have? Three.

Again, $I$ 'm sorry if it's confusing, but proponents will be those who are speaking in favor of the stringency review. Great. Let's start with Ms. Marquis. I'm so sorry if I'm pronouncing your name incorrectly. If you want to unmute her and we can give her the floor.

MS. MARQUIS: Thank you. Can you hear me?

HEARING EXAMINER CZIOK: We can hear you.

MS. MARQUIS: Okay. Great. Thank you. Thank you so much. My name is Vicki Marquis, and I'm an attorney with Holland and Hart in Billings, and $I$ represent Teck, one of the Petitioners in this case.

One of the most important functions of the Board here is to ensure that the agency
rulemaking is done properly and in compliance with State law. That's the narrow issue before the Board in this case, whether promulgation of the new selenium rule was done properly and in compliance with State law, specifically the no more stringent than Federal statute found at 75-5-203.

Now, the Board has received and heard comments from organizations and people who clearly do not like Teck or coal mining, but the question before the Board is not whether it supports Teck or whether it supports coal mining. The question before the Board is much more important than that. It is whether the Board's promulgation of the new selenium rule was done properly.

Now, no one here disputes the legislative intent as it was presented in Teck's original comments on the filing, and that legislative intent makes any standard proposed that is more stringent than federal is subject to the stringency statute, and that the public must be informed of such stringency in the initial rule publication. It also requires that a written finding must be published prior to rule adoption.
I'd like to respond briefly to DEQ's
response at Page 11. They argue that there's no need to show that the Federal regulation is inadequate to protect public health, and $I$ refer you to Teck's initial comment Pages 3 to 7 , where it is clear from the whereas clauses in the legislation that the Legislature intended there to be an analysis of whether the Federal guideline is sufficiently protective for the public, and for the public to be advised of the agency conclusions in that regard. That legislative issue is found at Exhibit A, specifically Pages 1 and 2 of our comments.

Everyone agrees that the finding required by the no more stringent than Federal statute was not made here. At most some comments hypothesize that the water column standard is not really a standard, but that's belied by the legislative intent of the statute, and really it is also belied by the rule itself.

The best evidence that the water column standard is a standard is the language of the rule itself. If you look at ARM 17.30.632-- that's the new selenium rule, specifically Subparagraphs 1, 2, 5, and 7 -- it calls the water column standard a standard. So that new selenium rule
does not get a free pass through the stringency statute.

Other comments ignore EPA's numeric criteria of 1.5 in favor of some other number, so that ignores the relevant case law, and it ignores EPA's statement in its approval letter that 0.8 is more stringent than the recommended water column criterion, end quote.

Now, EPA and DEQ sort of mix words or they confuse statements when they say that EPA did not conduct a stringency review pursuant to state law, but they don't deny EPA's conclusion that 0.8 is more stringent than the recommended water column standard of 1.5 .

And regarding whether the required finding can be made from the record, $D E Q$ only offers conclusory statements which are not enough.

A finding implies that one searches through and weighs the evidence in order to find a particular fact.

Here $D E Q$ offers no record citation to actual evidence, only record citations to conclusory statements. The most egregious example of this is whether the standard is achievable.

DEQ cites to one statement in the

Board's Response to Comments 78. In there the Board states that the degree to which the standard is achievable depends on Teck's efforts. It is not an achievability determination.

And this is a very important point because if the standard is not achievable, meaning that the lake cannot meet the standard, then the next logical step is for $D E Q$ to pursue downgrading the designated uses of the lake, meaning would they downgrade or delete aquatic life as a designated use of the lake because the lake can't meet the standard. We find that provision in Montana statute at 75 --

HEARING EXAMINER CZIOK: Ms. Marquis, your time is up.

MS. MARQUIS: I have more comments prepared. I wasn't prepared for the format limitation.

But I'll just conclude by saying that the evidence does not support the standard that was put in place. It is clearly more stringent than Federal. The written finding was not made, and the Board does have authority and should invalidate the new selenium rule. Thank you.

HEARING EXAMINER CZIOK: Thank You, Ms.

Marquis. I apologize for getting your name wrong earlier.

I see we've got another hand raised from someone whose name placard reads Jackson, Murdo and Grant. Sorry. One second. We're having some audio issues. I'm going to speak from Elena's monitor when $I$ can here. It sounds like we're getting feedback whenever $I$ sign in.

Mr. Warhank, I apologize. If you want to start again. We have a Court Reporter recording this in the room, and she wasn't able to hear you in that first part.

MR. WARHANK: Yes. My name is Murry Warhank. I'm with the Law Firm of Jackson, Murdo and Grant. I represent the Lincoln County Board of County Commissioners.

Most of the comments that $I$ had intended to proffer have been covered very well by Senator Cuff, as well as Ms. Marquis.

I just want to reiterate that there is real concern in this local area, being one that has been affected year after year by -(inaudible) -- they've been assured are not going to cause economic hardship in their county, but have indeed caused significant economic hardship
in terms of the jobs created by the lumber industry, for example.

And so the County is very concerned that, one, the public be given the proper notice under the stringency statute, so that they can fully participate, and that the full economic costs of this can be weighed properly after a full review; and secondly, that the proper law and the proper process be followed, so that a good outcome can be achieved.

Now, they recognize that perhaps the standard after full review can go forward, but we definitely believe that that process must as a matter of law be followed.

Given that $I$ have no further comments, $I$ would offer to allow Ms. Marquis to continue her comments for the remainder of my time since we represent basically the same position.

HEARING EXAMINER CZIOK: I appreciate the sentiment. I think what that's going to end up doing is really complicating this if we're going to be trading time around. I want to make sure that everyone who came to speak today is able to speak, and I don't really have a good way to divide up between folks.

I understand both of you have submitted pretty extensive briefing in this case and some written comments, so again, if you'd like to use the remainder of your three minutes to speak, that would be great, but I'm not going to start passing time around between folks. I think you can understand that that's going to needlessly complicate the comment period.

MR. WARHANK: Understood. Thank you very much. I'm finished with my remarks.

HEARING EXAMINER CZIOK: Thank You, Mr.
Warhank. I believe we had one more person who was raising their hand in their video feed, but wasn't able to get their hand raise function. Was that you, Mr. O'Connor, that $I$ see down there? Give me a wave if that's --

So if you want to just unmute your microphone. You'll find that button on the bottom left of your screen. There should be a little microphone icon with a slash through it. If you just click on that, it should unmute your input, and you should be able to speak to us.

MR. O'CONNOR: Yes. I am a proponent.
I got a message from somebody running the meeting that had me down as a proponent.

HEARING EXAMINER CZIOK: Well, it's your turn. We'd love to hear from you. So go right ahead, Mr. O'Connor.

MR. O'CONNOR: My name is John O'Connor.
I live in Bonners Ferry just across the border from Montana. I've lived here for 41 years.

And the Kootenai River has a complicated political situation. It begins in British Columbia, flows through Montana, before it reaches Idaho.

I count on the river to be clean when it arrives here to be able to support aquatic life properly; and because of that, $I$ count on the good will of the people upstream.

The current standards, the new standards, do the best job of protecting those concerns. They do an adequate job of protecting those concerns. It's arguable that the previous Federal guidelines do not. It's certainly arguable that what Teck is doing in British Columbia does not.

As somebody who lives on the river and with the river, $I$ want to put my full support behind the present newer standards. That's all I have to say.

HEARING EXAMINER CZIOK: All right.
Thank you, Mr. O'Connor. If anyone else could indicate using the hand raise function on their screen if they are here to speak as a proponent of the review.

I will say again. Proponent means that the petitioned review -- so basically the argument that the current selenium standard is more stringent than the Federal standard -- that would make you a proponent.

So I see some more hands coming up now. The first one $I$ see here is Jerry Bennett, so Mr. Bennett, if you'd like to unmute yourself, $I$ will give you the floor. That mute button can be found again at the bottom left of your screen in the Zoom window.

MR. BENNETT: Thank you very much.
Jerry Bennett. I'm a Lincoln County Commissioner.
I want to emphasize what Mr. Warhank stated on our behalf. And having lived in Lincoln County pretty much my whole life, my family is from here, and we've lived in this area for decades and decades.

And as a Commissioner, I'm very concerned, and as a former State legislator, that
the laws we pass as a legislator are adhered to, that the intent is adhered to, and that we do this in a proper and right way.

We all agree as Commissioners if the standard is truly what needs to be, we will live with that and agree with that; but we don't believe it is. I don't think from looking at the graphs and the science that we have seen that it's a proper standard.

So we are proponents of this being looked at, and handled in a public and proper way. So I thank you for the time to comment.

HEARING EXAMINER CZIOK: Thank You, Mr.
Bennett. I see another hand raised by Mr. Josh Letcher. I hope I'm saying that right. If you could unmute yourself.

MR. LETCHER: Yes. I'm Josh Letcher. I'm also a Lincoln County Commissioner.

And I started listening in on this process long ago when they first started studying it, and have been involved for quite awhile. And to say that the .8 standard is not less stringent than 1.5 to me doesn't even make sense mathematically.

And the only thing I've been able to
come across so far that could even correlate that is emotions based on people that didn't have all the facts.

I'm a little disappointed that Vicki Marquis was able to show up, bringing facts, showing what some of the studies said, and the things that were said, and she was only able to be allowed four minutes; but yet we're getting a lot of people showing up that are just against Teck Coal.

And we can't regulate what Teck Coal is doing in a foreign country. And this standard didn't follow the laws of our country to even get here, that some of the process was bypassed, and we didn't get a lot of input from industries within Montana that are going to be regulated by a standard that was targeting an industry outside of this country, let alone outside of Montana.

And I'd just like to see this go back to review, and if truly the science says that we need to be at . 08 , then we do, but right now the science isn't saying that. The process was bypassed, and none of the information, as Ms. Marquis had brought up points to meeting such a stringent standard.

So I just believe we need to go back and start over and actually use the science to come up with the standard. Thank you.

HEARING EXAMINER CZIOK: Thank you, Mr. Letcher. I will ask again before we shift. Is there anybody else here who came to speak today as a proponent? Go ahead and raise your hand if you do. Make sure on the second page I don't miss anybody there.

I'm going to shift to folks -- $I$ know at least one person who has expressed that they want to speak neutrally, that is, they're not going to identify as a proponent or opponent. If there's anyone who that's your position, you're here to offer public comment, but not as a proponent or an opponent, please use that hand raise function again, and $I$ can call on you and give you the floor for the public comment.

I see one hand from Tonya Fish at the EPA. Tonya, if you want to unmute yourself.

MS. FISH: Thank you. Good morning. My name is Tonya Fish, $T-O-N-Y-A F-I-S-H$, and $I$ am representing the Environmental Protection Agency. Thank you for the opportunity to comment today. My statement is intended to clarify our previous comments, so that EPA's position is
clear.

EPA agrees that the water column element for Lake Koocanusa is a water quality standard. Water quality standards include criteria, designated uses, and anti-degradation policies.

The selenium criterion at issue in these proceedings is more complex than many of EPA's recommended criteria because it has multiple elements. Montana's selenium criterion includes three elements, one of which is the water column element.

EPA's February 2021 action evaluated the State's submission to determine compliance with the Federal Clean Water Act and EPA regulatory requirements. The focus of that analysis is whether the fish tissue and water column criterion elements are protective of the aquatic life designated uses in Lake Koocanusa.

The State concluded, based on data from Lake Koocanusa, that 1.5 micrograms per liter would not protect the aquatic life use, and 0.8 micrograms per liter was necessary to achieve EPA's recommended fish tissue concentrations in that aquatic system.

EPA determined that ARM 17.30 .632 was based on sound scientific rationale and protected the designated use.

Future rulemaking is part of the relief requested in the petitions. Therefore EPA appropriately commented on this issue. In addition, it has been proposed the Board could void the current water column element of 0.8 , and suggest it be replaced with 1.5 or five micrograms per liter until a later rule is promulgated.

EPA approved 0.8 micrograms per liter, and it remains in effect for Clean Water Act purposes unless and until EPA approves a new state submission.

EPA's comments do not presuppose that a standard set in compliance with the stringency statute will not comply with the Federal law. In the event of any future rulemaking, EPA was clarifying for the Board what the state submission would need to include to comply with Federal requirements, including a site specific demonstration that any new water column element protects the designated uses of Lake Koocanusa and the downstream uses in the Kootenai River.

Thank you for your consideration of

EPA's comments.
HEARING EXAMINER CZIOK: Thank You, Ms.
Fish. Is there anyone else here who similarly wants to offer a neutral opinion? Go ahead and raise your hand if there are.
(No response)
HEARING EXAMINER CZIOK: All right.
Then we will move to opponents. So again, what would designate you as an opponent is if you are opposed to the stringency review process occurring; in other words, you don't think that the current administrative record standard is more stringent than Federal standard.

So I'm seeing hands go up now. I know there will probably be some more hands as folks get to that function, so $I$ 'm just going to start with what's at the top of the list on my screen, so that will be Richard Janssen. So Mr. Janssen, if you want to unmute, and $I$ will start the timer and give you the floor.

I forgot my folks in the room. Mr. Janssen, I've got to put you on hold. I was so busy looking at the hands on my screen $I$ missed the hands in my room. If you want to come up and go ahead and speak from this podium. I'll just
leave the timer for you so you can see it. MS. BOWERS: Good morning. My name is Kirsten Bowers, B-O-W-E-R-S. I'm a DEQ staff attorney offering comments in opposition to the petition for stringency.

I first want to emphasize that the only question for the Board is whether the Lake Koocanusa water column standard at ARM 17.30.632 Sub(7) Sub(a) is more stringent than comparable Federal regulations or guidelines that address the same circumstances.

The Board's adoption of the Lake Koocanusa water column standard in December 2020 was consistent with the stringency statute. By its plain statutory language, the requirement to make the written findings under the stringency statute after a public hearing and public comment is only triggered when the Board adopts a rule that is more stringent than comparable Federal regulations or guidelines.

The Board correctly determined that the Lake Koocanusa water column standard is not more stringent, and the Board should not reverse this previous determination.

Because the Board found the Lake

Koocanusa water column standard no more stringent than Federal, it was not required to make the written findings under the stringency statute.

The Board's tentative stringency determination was presented to the public in the October 9th, 2020 initial rule notice -- that's in the rulemaking record at Pages 1328 to 1330 -- and the public was adequately advised of the Board's conclusions regarding stringency.

The public had the opportunity to comment on the Board's stringency position, and in fact, the public did provide comments on the Board's stringency analysis.

The Petitioner's argument that the Board did not make a stringency determination as to the Lake Koocanusa water column standard is wrong. Upon adoption of the rule, the Board considered the stringency requirements.

DEQ has not argued that the Lake
Koocanusa water column standard is not a water quality standard. It is a water quality standard developed in accordance with Federal guidelines, and based on a translation of Federal fish tissue criteria, to develop a water column standard that is protective of aquatic life in Lake Koocanusa.

The Federal criteria recognized that 1.5 micrograms per liter is not protective in all cases, and provides guidance for states and tribes to develop site specific criteria. If the EPA guideline of 1.5 micrograms per liter were intended to apply in all cases, there would be no need for federal guidance on development of site specific criteria.

I do want to address briefly Lincoln County's comments that they had only limited ability to participate in the rulemaking and their concerns were dismissed by DEQ.

This is not supported by the rulemaking record. Lincoln County participated fully in the rulemaking process, and DEQ considered Lincoln County's concerns, including concerns that development might be impacted by the water column standard for Lake Koocanusa.

In fact there are no MPDES permits authorizing point source discharges to the lake, and no pending permit applications, and discharges under general storm water and industrial permits already must avoid discharges to state water, and are subject to technology based effluent limits and BMP's. This will not change with the Lake

Koocanusa selenium rule.
As of July 1, 2021, DEQ rather than the Board has sole authority to adopt rules for the administration of the Montana Water Quality Act subject to the stringency provisions.

If the Board should find that 17.30 .632 is more stringent than comparable Federal regulations or guidelines, DEQ must either revise the rule or make the findings under the stringency statute, and $D E Q$ can make the required findings based on evidence in the record.

Finally, the Board should not reverse the stringency determinations, and should deny all relief requested by the Petitioners. Thank you.

HEARING EXAMINER CZIOK: And $I$ see we have one more commenter in the room, so $I$ will give you the floor.

MS. KELLY: Good morning. My name is Myla Kelly. I'm the manager of the Water Quality Standards and Modeling Section at Montana DEQ.

On December 11 th, 2020 , the Board determined that the selenium standards for Lake Koocanusa and the Kootenai River are no more stringent than currently recommended EPA 304 (a) criteria for the following reasons:

One, they correspond to Federal standards; two, they were developed using Federally recommended site specific procedures outlined in Appendix $K$, titled "Translation of a selenium fish tissue criterion element to a site specific water column value," from EPA's National Aquatic Life Ambient Water Quality Criterion for Selenium in Fresh Water.

The EPA guideline document mentions the word "site specific" approximately 150 times, and develops the guidelines for site specific water column translation procedures for selenium, because as stated in the guidance, quote, "Appendix $K$ also provides information on the data necessary to derive a site specific criterion, as well as scientifically defensible methods, including the use of traditional bioaccumulation factors, in addition to the more comprehensive mechanistic modeling," end quote. That can be found in the rule record on Page 418.

Appendix $K$ of the Federal guideline document provides a step wide process for deriving each parameter used to perform a site specific translation. The Department followed this step wide process for translating the concentration of
selenium in tissue to a concentration in water using the mechanistic bioaccumulation modeling. The Board determined that the adopted selenium standards for Lake Koocanusa and the Kootenai River are not more stringent than comparable Federal guidelines, and the Board therefore was not required to make the written findings in 75-5-203 Sub (2) and (3).

The EPA $304(a)$ criteria for selenium is the first criteria based on fish tissue. It's comprised of multiple elements, including egg ovaries, muscle or whole body, and the water column.

The selenium standards are fish tissue based, not water column based, meaning the standards account for dietary exposure, and bioaccumulation as the primary pathway for selenium exposure, rather than the exposure from the water column. This can be found in the rule record from Pages 73 to 76 , Page 1520 , and 1525. While both fish and water column standards were adopted for Lake Koocanusa and the Kootenai River, the Petitioners are only petitioning that the 0.8 micrograms per liter water column standard be reviewed.

The Federal egg ovary criterion element of 15.1 which Montana adopted is the foundation for the EPA's criteria structure, whereby reproductive tissue has primacy over data for other fish tissue and water column criterion elements.

The EPA water column criterion element is translated from the egg ovary criteria. The muscle, whole body, and water column standards are all set at levels to ultimately protect the egg ovary from exceedences.

Therefore, to be more stringent than the Federal criteria, the site specific standard for Lake Koocanusa would have to be based on an egg ovary criterion that is less than 15.1 milligrams per kilogram of dry weight. The State adopted an egg ovary standard that is 15.1 milligrams per kilogram of dry weight.

In summary, the water quality standards adopted for Lake Koocanusa by the Board of Environmental Review are no more stringent than Federal standards for two clear reasons: The water column standard was translated from the fish tissue standard using the exact site specific procedures outlined in Federal guidelines; and the

Federal and Lake Koocanusa water column standard is translated from the Federal fish tissue criteria that is directly linked to the egg ovary of 15.1 milligrams per kilogram value. Thank you. HEARING EXAMINER CZIOK: All right. I believe that does it for the folks in the room, so I will go back to the Zoom queue, and Mr. Janssen, I apologize for stopping and starting for you, but if you want to unmute, you have the floor.

MR. JANSSEN: Thank you. My name is
Rich Janssen. I'm a lifetime Montana resident in Ronan, Montana. I also the Natural Resource Department head, and enrolled Upper Kalispell member with the Confederated Salish and Kootenai Tribes.

Lake Koocanusa and the surrounding areas are aboriginal homeland of my Tribes and many other Native American Tribes. As I have stated many times in other meetings, venues, or hearings, the CSKT are not against mining. However, we are against mining that does not protect the ecological, cultural, and the fish and wildife resources of Lake Koocanusa and the surrounding areas.

Regarding stringency review, we submit
the following comments. They are only a portion of our and the Kootenai Tribe of Idaho's responses to the Board of Environmental Review's notice of schedule for implementation of review in the matter of the Petitions of Teck Coal, Limited, and the Board of County Commissioners of Lincoln County, Montana, stringency review of rule pertaining to selenium standards for Lake Koocanusa.

After a step wide six year process attended by Teck and politicians from the area, as well as many world renowned scientists, we believe the new selenium standard does not violate Montana law because it is not more stringent than the Federal standard.

The new criteria adopted the Federal standard for fish tissue at 15.1 micrograms per kilogram, and then back calculated the water column number to protect the fish based on current data for selenium and fish tissue in the reservoir. The process and results are consistent with applicable Montana and Federal law.

Additionally, EPA guidance on the development of site specific selenium criteria specifically states that when implementing the
criteria, the fish tissue elements take precedent over the water column elements, except in certain circumstances.

This is because chronic exposure to selenium in fish can result in reproductive impairments, including deformity and mortality. The EPA guidance also recommends that states and tribes develop site specific recommendations to account for local conditions.

This is precisely the process that was undertaken over six years ago by state, provincial, local, and Tribal First Nations governments to jointly develop the selenium standard of 8 for Koocanusa Reservoir.

In fact, over the last ten years, data from Koocanusa demonstrates that several species of fish exceed the egg ovary toxicity threshold for selenium, provides a scientific basis for adopting the Federal standard of 15.1 for egg ovary, and . 8 for the water column.

Below Libby Dam and the Kootenai River, the Kootenai Tribes of Idaho has measured elevated selenium concentrations in both Burbot and Sturgeon eggs tissue, along with other native fish species that are culturally important to the

Kootenai Tribe. A criterion exceedence of native Mountain Whitefish have been documented.

In Idaho, selenium from the mines is
both persistent and pervasive throughout the lower Kootenai, Kootenai River. Currently the Kootenai River in Idaho is listed as impaired for selenium. It is further relevant to note in November 2021, at the last meeting of the joint Montana $B C$ Lake Koocanusa Monitoring and Research Working Group, the Province of British Columbia announced its proposed revised selenium objective of . 8 , arrived at based on the site specific tissue data for Koocanusa Reservoir.

So the Salish and Kootenai Tribes incorporate their previous comments and submission to the Board of Environmental Review regarding a selenium standard for Lake Koocanusa.

With the submission of these comments or participation in any forum, we do not expressly or implied waive any collective or independent legal rights, causes of actions, or the right to raise additional matters, or provide supplemental supporting information regarding any legislative, administrative, legal, or other process in any legal, administrative or forum relevant to this
matter. So thank you, sir. I am done.
HEARING EXAMINER CZIOK: Thank You, Mr. Janssen. I'm going to go right down my list here. The next person $I$ see with their hand raised is Genny Hoyle.

MS. HOYLE: Can you hear me?
HEARING EXAMINER CZIOK: Yes. I'll give you the floor. You've got four minutes to offer comment. Thank you.

MS. HOYLE: Thank you. On behalf of the Kootenai Tribe of Idaho, as a Tribal river biologist for the Fish and Wildlife Department, we believe that the Montana Department of Environmental Quality standard is appropriate, and was reached by sound and rigorous science and under the law.

The Kootenai Tribal water chemistry data is showing that the current selenium concentrations coming out of the Koocanusa Reservoir about one to 1.2 micrograms per liter selenium, are persistent and pervasive through the Kootenai River ecosystem below Libby Dam.

Kootenai River fish are being negatively impacted by selenium at these current concentrations. Allowing these concentrations to
increase would further negatively impact an already impaired ecosystem. The newly open Burbot fishery and the recovery of native Kootenai River White Sturgeon are at risk from the increased body burdens of selenium coming from the Elk River mining activities.

Kootenai River data is showing Burbot tissue concentrations that are known to be harmful. The Idaho Department of Environmental Quality has listed portions of the Kootenai River as impaired specifically for selenium. The current data clearly depicts an ecosystem at risk to increasing selenium concentrations.

In summary, the Kootenai Tribe of Idaho supports the Montana DEQ's standard, and respectfully requests that the Board of Environmental Review summarily reject Teck's request for a review. Thank you for your time.

HEARING EXAMINER CZIOK: Thank you. Moving right on to the next one, $I$ have Ellie Hudson-Heck as the next on my list. And folks, if you don't mind, once you've spoken, if you want to just uncheck the raised hand on your box, that will bump you off my list. I don't want to double call on anybody, but $I$ 'm keeping track just in

Ms. Hudson-Heck, can you hear me all right?

MS. HUDSON-HECK: Yes. Can you hear me okay?

HEARING EXAMINER CZIOK: Yes. I will start the timer. Go ahead with your comment.

MS. HUDSON-HECK: Hi, everyone. My name is Dr. Ellie Hudson-Heck, last name is $H-U-D-S-O-N$ hyphen $H-E-C-K$. And today I'd like to offer comments on behalf of the Idaho Conservation League.

We have been heavily involved in this issue over the last two years, including being present during the development and adoption of these water quality standards. I also submitted detailed written comments, so I'm just going to try to keep my comments brief to give others a chance to comment.

The first thing I'd like point out, and really question, is that it's still really unclear to me how a Canadian company that operates solely in Canada even has standing to be challenging this US Clean Water Act law.

The second thing is that the Montana

Water Quality Act requires stringency review only when Montana adopts a water quality standard that is more stringent than the comparable Federal regulations or guidelines that addresses the same circumstances.

Teck and the County argue that anything that deviates from the generic 304 (a) standards triggers this stringency review. However, they have completely ignored the language in the Montana statute about the same circumstances.

The circumstances here are not the same circumstances that the EPA recommended criteria were intended for, because as many have pointed out in the rulemaking, Lake Koocanusa has a high selenium bioaccumulation potential.

Because of this, Montana decided to follow EPA guidance, and adopt the site specific standard. Therefore it's inappropriate for the stringency review statute to be triggered at all because these are not the same circumstances.

My final point is that as a downstream entity, the decisions that Montana makes directly impact the water quality and fish of Idaho rivers.

For years this pollution has been slowly trickling into the Idaho Kootenai River, and new
data collected by the Kootenai Tribe of Idaho is showing that maybe these standards that we're discussing aren't actually stringent enough to be protecting our fish and water quality.

Even with the current Lake Koocanusa water column standard of 0.8 , we're still seeing selenium concentrations in Idaho fish that are far above what the Clean Water Act requires.

So because we're essentially putting the fate of our river in the hands of Montana, if the Board decides to initiate further proceedings to revise these standards, the Idaho Conservation League intends to seek more stringent selenium criteria to protect the Kootenai River watershed. Thank you for your time.

HEARING EXAMINER CZIOK: Thank you, Doctor. Next we have Emily Qiu. If you want to unmute, $I$ will let you introduce yourself and offer your comment.

MS. QUI: Thank you. Good morning, everyone. My name is Emily Qui from EarthJustice. I represent the Montana Environmental Information Center and Clark Fork Coalition.

The Board should deny Teck and Lincoln County's petition seeking stringency review of the
selenium rule for Lake Koocanusa for the following four reasons that $I$ 'm going to address today.

First, the Board has already determined that the selenium rule is no more stringent than the Federal standard. Ms. Marquis incorrectly states that the stringency of the selenium rule has not been reviewed before.

In 2020 Teck raised this identical stringency issue with the Board, and the Board at the time specifically determined that the selenium rule was, quote, "no more stringent than the Federal standard."

This Board stated, and I again quote, "Although the . 8 micrograms per liter standard for Lake Koocanusa is lower than the EPA's national criteria of 1.5 micrograms per liter for lakes, the proposed Lake Koocanusa water column standard is no more stringent than the recommended EPA 304 criteria because it was developed using federally recommended site specific procedures. Therefore it is more accurate than the generally applicable national lentic number."

Teck and Lincoln County do not provide any new justifications or data for reviewing this prior determination. So if the Board were to
change its determination, given that no new justifications or data exist for it to provide a reasoned decision for a weaker selenium rule, it would be acting arbitrarily and capriciously.

Second, the selenium rule is no more stringent than the Federal standard. Some of the proponents attempt to over-simplify this discussion by stating that .5 micrograms per liter is less than 1.5 micrograms per liter.

This is a misrepresentation of the
Federal standard, which ignores Federal guidelines allowing the site specific water quality standard because 1.5 micrograms per liter is not protective for certain water bodies, including Lake Koocanusa.

The standard is no more stringent than the Federal standard. Under the Clean Water Act, states must adopt into their water quality criteria that protect designated uses of water bodies.

EPA explicitly provides that states can choose to adopt scientifically defensible site specific criteria that are different from EPA's national recommended criteria, as long as the site specific criteria are protective of the designated
use.
The selenium rule was developed based on the best available science, in a multi-year, multi-stakeholder effort in order to protect Lake Koocanusa's beneficial uses. And in that effort, Montana $D E Q$ chose to develop the site specific column criteria as expressly permitted by EPA.

DEQ followed the protocols provided by EPA, it approved the selenium rule. This in itself shows that the selenium rule was developed in accordance with EPA protocols, and cannot be more stringent than the Federal standard, and is scientifically defensible.

Third, the selenium rule is scientifically defensible as $I$ mentioned before.

Some of the proponents appear to imply that they have not seen science supporting the selenium rule.

There is a difference between no data and not liking what the data says. Here to develop the selenium rule, $D E Q$ initiated a four year data collection effort, and participated in a binational working group. Data came from multiple sources, including the EPA, US Geologic Survey, DEQ, and the Kootenai Tribe of Idaho, and

Confederated Salish and Kootenai Tribes.
All of this data demonstrates the need for site specific selenium criterion in order to protect Lake Koocanusa's designated uses, because the lake is highly susceptible to selenium bioaccumulation.

Then based on this data, and following EPA's protocols for developing site specific standards, DEQ established a site specific standard.

Teck and Lincoln County provide no additional science-based justifications for revisiting this scientifically defensible rule.

Fourth. Teck and Lincoln County's effort to undermine the selenium rule are not supported by the EPA, and EPA cannot approve a weaker rule.

The Clean Water Act requires protection of waters in Montana. Mr. Letcher states the selenium rule is trying to target a foreign company. The selenium rule is designed to protect Montana's waters. I want to emphasize that the point that the selenium pollution --

HEARING EXAMINER CZIOK: I don't mean to interrupt. I ran you out of time, but I didn't
want to cut you off mid-sentence, so if you want to just finish that --

MS. QUI: Sure. I can go ahead and finish.

Finally to note that the selenium rule is intended to protect Montana's waters, and to portray it as an attack on a foreign entity is inaccurate. So we respectfully request that you deny the petition seeking stringency review. Thank you so much.

HEARING EXAMINER CZIOK: Thank you. The next person $I$ see with their hand raised is Wyatt Petryshen. Can you hear us?

MR. PETRYSHEN: Yes, I can. Thank you. So my name is Wyatt Petryshen. I'm with Wildsight. My last name is spelled P-E-T-R-Y-S-H-E-N. We had submitted written comments, but I'd like to add a couple points in this public comment period.

So the one main point I'd like to make is that the new site specific standard for Lake Koocanusa is no more stringent than the Federal standard, and I'd like to provide a quote from the rulemaking record, from rulemaking citation RRO00001-2, and that is that the proposed water
quality standard for Lake Koocanusa was based on EPA $304(a)$ fish tissue criteria, and site specific bioaccumulation modeling, following site specific procedures set forth by EPA in its current 304 guidance.

The new rule includes fish tissue standards which correspond exactly to the EPA's currently recommended $304(a)$ fish tissue criteria. Therefore the proposed Kootenai River and the Lake Koocanusa water column and fish tissue standards are no more stringent than the currently recommended EPA $304(a)$ criteria, because they correspond to Federal standards, or were developed using federally recommended site specific procedures.

And one more quote on the procedures used to develop this from RROO2544, was that the EPA's 2016 selenium criteria were developed from Appendix $K$, and it describes methods by which site specific selenium standards may be developed for individual water bodies.

If you look at fish tissue data coming out or below the US/Canada border, there are current exceedences to the 15.1 fish tissue guideline, which can be found on the Lake

Koocanusa Monitoring and Research Working Group website, which is publicly available data as well. So the prior Federal guideline was not protective of fish species.

Those are my comments. Thanks.
HEARING EXAMINER CZIOK: Thank You, Mr.
Petryshen. Next up I see Steven Pfeiffer. If you want to unmute, and I'll start your time as well. MR. PFEIFFER: Thank you. Thank you, Board members, for the opportunity to provide public comment. I'm speaking on behalf of Idaho Rivers United, a conservation group dedicated to advocating for healthy, free-flowing rivers, and abundant fish populations across the state of Idaho.

We strongly oppose the petition to review the selenium standard for Lake Koocanusa. The recently adopted selenium criteria for the Kootenai River and Lake Koocanusa was correctly determined by Montana to be no more stringent than EPA requirements, and was approved by the EPA. The new selenium standards are vital to ensuring the continued health of the Kootenai watershed, its fisheries, and the communities that rely on the clean river system, not only in

Montana, but downstream Idaho as well.
The Board of Environmental Review must acknowledge the years of collaborative research and discussion amongst a wide range of stakeholders that went into establishing the science based standard, and reject the review.

The approved selenium criteria is protective of important native fish species in the Kootenai watersheds, and limits the threat of bioaccumulation.

It is clear that selenium is present and accumulating in the river system into Idaho, based on numerous fish tissue samples. Why revert to a weaker standard that leaves the door open for more and more selenium pollution in Montana waters, effectively waiting until it's too late for the health and success of the river's fish populations.

The State of Montana must be proactive, not reactive, in setting water quality standards, for the benefit of aquatic life and the people that rely on this waterway in Montana and in Idaho. Those are my comments. Thank you.

HEARING EXAMINER CZIOK: Thank you very much. Next up on my list $I$ see Erin Sexton. If you would like to unmute and introduce yourself, you can start your comments as well.

MS. SEXTON: So hi. My name is Erin Sexton, that's $S-E-X-T-O-N$, and I'm here to comment in opposition to the stringency review of the selenium rule.

I served on both the Lake Koocanusa Monitoring and Research Working Group, and the Selenium Technical Subcommittee from the inception of both of those committees on behalf of the Confederated Salish and Kootenai Tribes. I'm also a research scientist, and $I$ collected water quality data in the Elk River down river of the mines from 2005 to 2011.

The process to arrive at this criteria took over six years of one of the most collaborative, transparent, and scientifically robust processes that I've ever been a part of.

For those of us that attended the
Koocanusa Working Group meetings and the Selenium Technical Subcommittee meetings, this petition aimed at weakening Montana's own water quality standards demonstrates no scientific basis.

The petition demonstrates a fundamental misunderstanding of the Federal selenium standard,
which clearly states that fish ovary concentrations can take primacy over water column concentrations, based on site specific conditions.

In fact, Montana DEQ did adopt the
Federal fish tissue criteria of 15.1 micrograms per liter, and then back calculated to determine the 0.8 micrograms per liter water column concentration, based on the current site specific data for fish tissue in Koocanusa Reservoir.

The petition also demonstrates a
fundamental misunderstanding of the site specific data in Koocanusa Reservoir. Over the six years that we met to determine the criteria, data were collected for fish tissue in the reservoir and the Kootenai River downstream. These data were collected by several of the entities that participated in the process, including Teck Coal.

Data for fish egg ovary concentrations
in Lake Koocanusa for three species of fish currently exceed the Federal standard of 15.1 micrograms per liter. This is the justification scientifically founded for the 0.8 water column concentration.

Montana has a legal obligation under the Clean Water Act to protect the beneficial uses in

Koocanusa Reservoir and the Kootenai River downstream.

Montana also has a legal obligation to protect waters downstream in Idaho. Based on the data for selenium in fish tissue in Lake Koocanusa and the Kootenai River, and the site specific data, any number above 0.8 micrograms per liter would not be protective of the beneficial uses in the lake and the river downstream.

In summary, the Montana selenium standard is not more stringent than the Federal standard, and this stringency review is fundamentally inconsistent with the site specific data from Lake Koocanusa. Thank you very much for the opportunity to provide these comments.

HEARING EXAMINER CZIOK: Thank you. I have next on my list Clayton Elliott. If you'd like to unmute yourself.

MR. ELLIOTT: Thank you very much. For the record, Clayton Elliott, E-L-L-I-O-T-T. I'm here today representing Montana Trout Unlimited, and our members in Lincoln County affected.

I'll be brief, because $I$ do agree with Ms. Marquis that the purpose of today's hearing is to focus narrowly on the question of whether or
not the standard is more stringent than the Federal level, and if so, and what process by which was used to determine that.

Our position, Montana Trout Unlimited's position is the standard is no more stringent than the Federal level, as $I$ think Ms. Bowers and Ms. Kelly adequately demonstrated, and that the review was complete. So we would urge you to resist this petition. Thank you.

HEARING EXAMINER CZIOK: Thank you, Mr.
Elliott. Next up $I$ see someone without a last name, just listed as Lexie. If you want to unmute and state your full name for the record. We do have a Court Reporter taking down minutes today. MS. DEFREMERY: Thank you. Thanks for the opportunity to give comment. My name is Lexie L-E-X-I-E, last name is Defremery,
$D-E-F-R-E-M-E-R-Y$.
I have been a Bonner County, Idaho resident for 23 years, and I love to explore. I go up to Boundary County quite a bit. I'm very familiar with the Kootenai River and the Kootenai River Valley. I love the wildife refuge, Kootenai Falls and so on.

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I first became familiar with the
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selenium issue because $I$ was a horse owner, and I learned that selenium can be very toxic to horses, to humans, and it can also concentrate in soils which is difficult for agriculture.

So as an Idahoan, $I$ am very grateful that the Montana Board of Environmental Review is interested in protecting waters downstream from Lake Koocanusa.

To that end, $I$ ask that you hear the support from everyone today who are opposed to the review to prevent pollution of the Kootenai River, which is US waters. If the existing standard has succeeded, and it is in compliance or no greater than the EPA standard which we have heard today, because of the nature of the --

Sorry. I'm blanking out. I'm hearing a lot of terms that $I$ 'm not familiar with. But because of the nature of Lake Koocanusa and the waters that go into it, then that solves the issue that the proponents of the review were concerned about.

And $I$ would think that the only point of a review then would be to make it easier for a Canadian mining company to release more pollutants into the waterways, and $I$ am vehemently opposed to
that. Thank you for hearing me.
HEARING EXAMINER CZIOK: Thank you.
Next on my list $I$ have Becca Rodack.
MS. RODACK: My name is Becca Rodack, R-O-D-A-C-K. I'm a resident of Boundary County in north Idaho as well.

There was a comment made that we in the US are not allowed to tell a company in a foreign country what to do. In that same spirit, the company in a foreign country has no right to say what standards we put in place to protect our waters from practices that have demonstrated detrimental effects in our aquatic life.

We've heard from experts today that these standard are not more stringent, and heard nothing from the proponents and from Teck other than that they want some more detailed review of the process.

We've also heard that this was a six year process, a very collaborative process. And these standards have proven over and over again to be protective, which is why the EPA approved them. So I ask that the Board keep these standards in place to protect Montana and Idaho's waters. Thanks.

HEARING EXAMINER CZIOK: Thank you. And next on my list $I$ have Bill Hanlon. Can you hear me?

MR. HANLON: Yes, I can.
HEARING EXAMINER CZIOK: Go ahead.
MR. HANLON: Thank you for the
opportunity to speak today. My name is Bill Hanlon. I sit on the North American Board of Directors for Back Country Hunters and Anglers, and I represent the British Columbia and Montana chapters today.

We have over 40,000 members in our organization. We're the fastest growing conservation organization in North America. We have chapters in 48 states, District of Columbia, British Columbia, Alberta, and Yukon Territory.

We are truly a continental conservation organization. We are your voice for wild public lands, clean water, and wildlife. And like I mentioned, $I$ am speaking on behalf of the $B C$ and Montana chapters today on this very important cross-border issue.

The Montana chapter submitted a written statement to the Water Policy Interim Committee dated January 26 th, 2022 , in opposition to this
review, and in support of the current 0.8 micrograms per liter selenium standards on Lake Koocanusa. So I'd like to support that, both the opposition to this review, and in support of continuing on with that 0.8 micrograms per liter.

The BC government has committed to meeting these Montana standards, so our next job is going to be lobbying the $B C$ government to ensure that that occurs, and we'd like to thank Montana for putting on these strict limits so that we can begin to get a handle on our selenium problems here in the Elk Valley.

On a personal note, $I$ live in the Elk Valley. I live on the banks of the Elk River. I live south of three of the major coal mines and adjacent to the fourth. I manage personally a short term rental fishing lodge on the Elk River.

Teck has been providing us drinking water to the lodge for the last three years because the lodge seems to be the ground zero of the highest density selenium levels in the Elk Valley, and we have reached 14 micrograms per liter; 14 , not eight zero like you are trying to suggest in Koocanusa, but 14 micrograms per liter in our drinking water. So Teck has committed to
providing us with drinking water through a special system that they have developed, and we are the test facility.

I say this because we applaud the Department of Environmental Quality for trying to get ahead of this, because we are already seeing fish collapses as a result of selenium levels in the Elk Valley, and the Fording River, and Grave Creek, and Harbor Creeks, and we're starting to see an effect in our drinking water for humans. We are already having the problem.

And I'd really like to applaud Department of Environmental Quality for establishing such strict selenium limits on Lake Koocanusa. So thank you again for the opportunity to speak.

HEARING EXAMINER CZIOK: Thank you, Mr. Hanlon. So that just ran us through all of the folks who had their hands raised speaking as opponents.

Is there anybody else who wants to speak as an opponent to the stringency review who hasn't yet had an opportunity to speak who would like to? If you want to raise your hand using the hand raise feature. If for some reason it's not
working for you, you can also put a comment into the chat -- that window is going to be on the bottom right-hand corner -- to enter in a message that would go to the group.

I just want to give it one more second to make sure that anybody who is going to add something or want to add something is able to. I don't see any hands.

I want to return to the concerns that Ms. Marquis raised earlier about equal time, and trying to carry out the Board's request as best as possible. As $I$ read that equal division, really my first goal was to make sure there was no one here who wasn't able to speak because there wasn't time to hear them.

It looks like we've heard from everyone who wanted to speak today, and we still have some time left in our block, so what I'd like to do -I know, Ms. Marquis, you had some concerns about being able to say everything that you wanted to put on the record. And we've got a little extra time.

I wanted to see if there's anybody else who feels that same way, who has something substantive to add. I will remind you, "A," I'm
not the person making this decision. I'm here to facilitate a record for the Board of Environmental Review; and two, all of your written comments will be seen.

So obviously everyone has the right to speak, but $I$ would say be respectful of the fact that if you're just offering duplicate statements into the record, you're probably wasting everyone's time.

If there's anyone else, in light of those admonitions, who would also like a little more time, I'd love to see a show of hands so I know how many folks would like to have a little extra time to speak. So if you want to use that hand raise function for that, or just pop something into the chat for me.

I see Ms. Marquis is raising her hand.
Is there anyone else?
(No response)
HEARING EXAMINER CZIOK: Ms. Marquis, if you want to unmute, $I$ had a question for you.

MS. MARQUIS: (Complies)
HEARING EXAMINER CZIOK: I was just
trying to track the time between how long proponents and opponents have spoken, and it seems
we're a little bit ahead on the opponent side by number of people, but pretty close on the time spoken because folks didn't use their full time.

Would ten minutes of additional speaking time be enough for you to get the points that you need to get onto the record that aren't adequately captured by your written comments that you've submitted so far?

MS. MARQUIS: Absolutely. Yes, it would. Thank you.

HEARING EXAMINER CZIOK: Great. Well, I'd love to give you some additional time so that everyone can say everything they'd like to say today. So I'll start you on ten minutes, and I'll just pop back into this frame at about the nine minute mark, so you know, without interrupting you, how much time you have left.

MS. MARQUIS: Thank you so much. I do appreciate it. Again, Vicki Marquis, attorney for Teck. And I'll pick up where I left off. I was talking about the importance of making the finding that the water quality standards is actually achievable, because if it's not achievable, the reality is that the next step is to consider downgrading uses of Lake Koocanusa. Achievability
is one of the important components of the written finding that's required during this stringency review pursuant to the statute.

In specific response to -- or specific reply to $D E Q$ 's response, their response document on Page 4, they state this -- and we've heard it throughout the process -- that fish egg and ovary values have been recorded above the 15.1 milligrams per kilogram dry weight tissue standard at the water column levels below 1.5 micrograms per liter.

DEQ often states, as do some of the opponents, to support their suggestion that Lake Koocanusa would be under-protected by a water column standard at 1.5 micrograms per liter.

Teck and others have continually taken issue with this statement, because it does not align with the rule. DEQ itself in their response to comments refers only to individual fish, alleging that they had egg ovary levels exceeding the Federal guidelines, but DEQ has not clarified whether that egg ovary data is valid.

Now, if you go to the USGS model, they note the importance of timing and gathering specifically ripe or gravid egg ovary samples.

EPA confirms this in their 2021 draft technical guidance, which they cite in their response letter.

On Page 12 of that 2021 guidance, they say that collection of fish samples for egg ovary analysis poses special challenges, as only gravid female fish can be sampled.

Now, the Board admitted that there were problems with the egg ovary sample collection, but we haven't seen a data set where that problematic egg ovary data has been taken out as being too uncertain, which is what it should be considered under the USGS and the EPA guidelines.

When you take that data out, and then when you follow the process outlined in the rule -- and this is Subparagraph 6 of the rule -- it says, "Fish tissue sample results shall be reported as a single value represented in average of individual fish samples, or a composite sample, each option requiring a minimum number of five individuals from the same species."

So the rule requires averaging, but what EPA has told everyone is that they're relying on individual fish samples, so that's not a proper use of the data that aligns with the rule itself.

We believe that when the invalid data are rejected, and the remaining data are analyzed in accordance with the rule, that you find no exceedences.

DEQ has also argued that the standard was designed to protect fish as the most sensitive ecological end point, including downstream federally listed threatened species.

We've heard a lot of comments today about the downstream effects, but what doesn't make sense is how the downstream river standard is set at 3.1 on both sides of the Montana and Idaho border, and whether Lake Koocanusa standard is set at 0.8 or 1.5 , it is less than 3.1 , so it doesn't make sense how the Lake Koocanusa standard could harm things in Idaho.

Plus the 2016 EPA guideline was designed to protect the most sensitive fish species, including White Sturgeon. In fact it was intended to protect 95 percent of species nationwide. That's a quote from DEQ's technical support document at Section 1.3.2.

And DEQ now has said that they did not promulgate the standard under the site specific statute, but they don't say why -- it leads to
questions of why they did promulgate the standard, and what's the authority for that.

And we've never heard an explanation of how Lake Koocanusa meets the level for site specific standards even under the federal guideline which says that's for areas where there's high bioaccumulation, and there's been no evidence in the record finding that Lake Koocanusa has any higher bioaccumulation than anywhere else in Montana.

The interesting part of DEQ's response about peer reviewed studies is they cite to a snippet in the legislative history to support their position, saying that the Legislature didn't intend to require peer reviewed studies, but that makes the rule or the law a nullity.

And also if you read just past the area where DEQ cites -- and this is on Page 5 of Exhibit 1 to their response -- you'll see that Senator Brooke clarified about the peer review study requirements, stating, quote, "The proponents made it very clear that it should be in the bill, and they demanded that decisions should be made on peer reviewed scientific studies," end quote.

So after that statement, the language was not changed, and the bill was passed, indicating that peer reviewed studies are an important component of this stringency review.

DEQ's assertion that there is no compelling evidence that industry or future development would be hindered by the rule.

In response to that, $I$ direct your attention to the Board's Response to Comment 50 in the record at RROO2118, and this is cited in DEQ's response document at Page 20 .

In response to comment 50 , the Board notes that, "New projects would need to discharge at levels less than or equal to the standard of 0.8 micrograms per liter."

Now, whatever DEQ says now about a pollutant load reduction plan -- which seems to be a non-regulatory plan without the force of law -does not negate the fact that the Board concluded that any new projects or developments discharging into Lake Koocanusa would need to meet or be below the standard of .8 micrograms per liter, but we don't even know whether technology exists to meet that level, or how expensive that treatment is, or what the economic impact of that would be on

Lincoln County.
I note that one of the purposes of the Water Quality Act is to balance protection of the environment with protection of individuals' fundamental rights to pursue life's basic necessities. That's found in the statutes at 75-5-101.

So it's contrary to the Water Quality Act, and it's just plain not fair to the public to promulgate a standard without considering the economic impacts.

Now, specific to some of the responses from EPA and some of the -- I think it's been implied that either the standard, if it's revised, it won't be approvable or it won't be approved. I just want to back up and take a bigger, a higher level look at the Water Quality Act and the cooperative federalism between the state and federal levels.

It's important to note that the Federal Clean Water Act at 33 USC Section 1251 Subparagraph (b) states, quote, "It is the policy of the Congress to recognize, preserve, and protect the primary responsibilities and rights of states to prevent, reduce, and eliminate
pollution," end quote.
And that's been validated throughout case law, stating that states, not the Federal government, have the primary role in setting water quality standards; and that Congress clearly intended the EPA to have a limited non-rulemaking role in establishing water quality standards by states.

Those are quotes from NRDC versus EPA 16 F3d 1395 at 1399 -- that's out of the Fourth Circuit -- and Chevron v. Hammond, 726 F2d 483 at 489. That's out of the Ninth Circuit.

So there's no doubt that states have the primary role, and that EPA's sole function is to approve or disprove the standards, and when they approve or disapprove the standards, EPA looks at whether it protects the designated beneficial uses.

Again, we rely on the fact that there's no clear evidence that the designated uses aren't currently being protected, and wouldn't be protected at the Federal level.

I also want to cite one more citation from the rule that allows the EPA to promulgate Federal standards for states. And when that rule
was promulgated in 1983 -- this comes from the Federal Register Volume 48 No. 217 Page 51412, it says, "EPA approval of a standard should not be interpreted as a superseding the state's right to amend its own laws," end quote. It also says, quote, "Only as a last resort will EPA promulgate Federal standards."

So this is where we are today. There's no Federal mandatory standard for selenium. There is Federal guidelines, guidelines for selenium. Montana's Water Quality Act contains the stringency statute, and when you analyze the new selenium rule, compare it to the law, the stringency statute, it has violated State law. It needs to be invalidated by the Board. Thank you for the extra time. I appreciate it, and thanks for your consideration and patience.

HEARING EXAMINER CZIOK: Thank you, Ms.
Marquis. Was there anyone else out there, similar to Ms. Marquis, who felt that they had more that they wanted to put onto the record today that they didn't have an opportunity? And I'll put that to the room as well. Senator.

The same question $I$ posed to Ms.

Marquis. Is ten enough? Is ten too much?
SENATOR CUFF: It won't take me very long.

HEARING EXAMINER CZIOK: I'll get the crook ready, and I'll start, and we'll pull you off with the hook if not. It's all yours.

SENATOR CUFF: Thank you for the opportunity to step up again.

A couple of things that -- I mean this is very complicated, very confusing. And when we say 0.8 is not more restrictive than 1.5 , that's zipping around in my head, and I'm thinking, "How do we get there?"

I finally heard some explanation. If I understand it right, it's backed up from 15.1 fish tissue. But it is still more restrictive. There's no question it's more restrictive in the water quality, water quality standards. I mean that's like saying up is not up, up is down, or --

So $I$ want to bring up just a little bit more on the process, and part of why we're standing here talking about this today. But a year ago, a year and a half ago, I and others requested to slow down the process and help everybody to understand it.

Today you have every elected official of County Commissioners and State Legislators saying they didn't understand it. Well, that's the truth. We didn't. I'm not sure that we still do. I'm not sure that the Emperor has clothes on, or does not have clothes on. But $I$ want to say a couple of things about the process that got the BER to the decision it made roughly a year ago.

There were meetings held. I had
requested some legislative oversight committees to review this process as it was going forward.

We actually requested for a delay in time. And if $I$ remember right, there were ten members of the Board, and it was coming down to -It appeared to me that there was going to be a six to four vote in favor of extending a deadline, so that there could be a little more understanding given, that rather than trying to push it, shove it through, to meet an artificial calendar deadline of December, or whatever the date was.

So some incorrect statements were made.
An incorrect statement was made in a legislative hearing by the Director of DEQ having to do with what the issue was. Now we're talking about fish tissue, and water column. At that time we were
talking about selenium falling out of the water into the bottom of Lake Koocanusa.

The question was asked by a State Representative, "If it is true that the problem is the water comes down the river and drops, goes into the lake, slows down, and drops out of the water, and builds up in the bottom of the lake." Representative Brad Hamlett asked the question. Director McGrath said, "Yes. That's exactly it. It builds up, and it becomes a greater problem," and Brad said, "And then it builds up every year, becomes worse and worse?," and the Director said, "Yes, that's true. That's the problem."

Okay. But it's not true. The selenium is bonded to the water, and it travels with the water. And sediment studies have been done on the lake, and there's not any great buildup of selenium at the bottom of the lake. I mean that was like a smoke screen.

Brad Hamlett, because of the Director's statements, changed his vote to a no. It came down to a tie vote, so the proposal to the committee that there be an extension at that time to give us time to understand failed on a five to
five vote, instead of passing on a six to four vote.

And that's where $I$ get so frustrated with the system and with the numbers. And the other two Representatives for -- one very tragic circumstance. Representative Gunderson would have been here to speak. His mother died yesterday, and he is tied up, and could not come, and I think it's very understandable.

Representative Durham is a Highway Patrol Officer. He's on duty today, and is unable to come and testify. But $I$ can tell you truthfully, you can see it on record, they voiced the same as I do.

And we've been in many meetings along the way, including a year ago -- and I'm going to have another one with Myla Kelly today to help me understand the process of how we get from water quality issues, how we get to a .8 , and how this .8 is no different than 1.5 .

So anyway thank you for the chance to come back up. I find it very frustrating the difference in what $I$ referred to of Director McGrath. And I'm not saying he intentionally tried to monkey up the system. I think he
probably said what he thought was the truth, which adds to my position that there was great confusion.

If the Director of the Department answers a question in a public meeting on this particular issue, and he provides the wrong information, he's confused, and everybody that heard that was confused.

And later in the BER Brad Hamlett wrote a letter, $I$ wrote a letter, describing the situation, because we're saying, "Hey, what a poor process." And BER heard that. There was a little bit of discussion, but it didn't matter.

Although there would have been a request for a little bit more time, it went right ahead. The train was on the tracks, and it was running, and to our notion, it was like, "Hey, out of control. Get out of the way, Lincoln County." Thank you.

HEARING EXAMINER CZIOK: Thank you, Senator Cuff.

SENATOR CUFF: I want to get that word back to the BER.

HEARING EXAMINER CZIOK: I appreciate that.

As a summary, everything that has been offered today as public comment that's been discussed here, that I'm saying right now, is being transcribed by a Court Reporter. That transcript will be placed on the Board of Environmental Review's website as soon as possible, but it will take some time for transcription from the Court Reporter. So stay tuned for that, but that's where you'll find that, the same place that you found notice for today and for the entirety of that selenium review.

From here $I$ will just point the parties and anyone who is interested to Item No. 3 on the notice for today. Interested parties and Petitioners are invited to submit proposed decisions to the Board of Environmental Review. Those will be due by February 11th, 2022, so that's not this Friday, but the next friday.

Those proposed decision documents should contain proposed findings and legal authority, similar to proposed findings of fact, conclusions of law, that you would for a contested case proceeding under the Montana Administrative Procedures Act.

Likewise those will, $I$ believe those
will find their way onto the Board's website as well, and all of this will be made a part of the record for the Board's actual review under the statute, and that will be considered at a future Board meeting. I believe that will be the upcoming meeting, the next one that we're going to have.

So I want to thank all of you for coming out today, for speaking, offering your comments, especially for your patience with us as we dealt with some of the technological issues on this Monday morning.

So again, thank you very much, and please look for any updates on the BER's websites posted as noticed. So thank you all, and seeing no other comments, I'm going to adjourn today's public comment meeting.
(The proceedings were concluded at 11:43 a.m.)

*     *         *             *                 * 

STATE OF MONTANA )
: SS.
COUNTY OF LEWIS \& CLARK )

I, LAURIE CRUTCHER, RPR, Court Reporter, Notary Public in and for the County of Lewis \& Clark, State of Montana, do hereby certify:

That the proceedings were taken before me at the time and place herein named; that the proceedings were reported by me in shorthand and transcribed using computer-aided transcription, and that the foregoing - 76 - pages contain a true record of the proceedings to the best of my ability.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my notarial seal this 3rd day of February, 2022 .

LAURIE CRUTCHER, RPR
Court Reporter - Notary Public
My commission expires
March 9, 2024.


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