PRESENTED BY:

ANDY WINK, EXECUTIVE DIRECTOR
BRISTOL BAY REGIONAL SEAFOOD DEVELOPMENT ASSOCIATION

LINDSAY LAYLAND, DEPUTY DIRECTOR
UNITED TRIBES OF BRISTOL BAY

KATHERINE CARSCALLEN, EXECUTIVE DIRECTOR
COMMERCIAL FISHERMEN FOR BRISTOL BAY

WWW.COMFISHAK.COM/FORUMS
WE WILL COVER:

The Economic Benefits of Bristol Bay Salmon
Highlights from McKinley Research new economic analysis on the economic importance of Bristol Bay

The Call for Permanent Protections for Bristol Bay
Summary of the current status of the proposed Pebble Mine and our proposal for permanent protections led by Bristol Bay’s tribes and fishermen

What Can You Do?
Information on how you can remain involved in the fight to protect Bristol Bay and where we need the most help

Q&A: We will reserve time at the end to take your questions!
THE ECONOMIC BENEFITS OF
BRISTOL BAY SALMON
ALL COMBINED, BRISTOL BAY SALMON DROVE ECONOMIC BENEFITS IN 2019 IN EXCESS OF $2.2 BILLION

- Economic benefits initiated in Bristol Bay spread throughout Alaska, to the Pacific Northwest, and beyond. This wide-ranging system and associated dependent economic activities provide an annual recurring value to participants.

- As outlined in this report, this includes value generated in the seafood industry and through salmon-focused tourism in the Bristol Bay region.

- Salmon also provides immeasurable value as a subsistence resource, sustaining the people and cultures of the Bristol Bay region.
SEAFOOD INDUSTRY

Impact of Bristol Bay salmon fishery within the United States

$2.0 billion  $830 million  15,000
TOTAL OUTPUT  LABOR INCOME  TOTAL EMPLOYMENT (ANNUALIZED)
Approximately **8,500 harvesters** are directly employed in the Bristol Bay fishery each year:

- **2,000** residents of the Bristol Bay region
- **2,500** Alaska residents
- **4,000** residents of other U.S. states

**Commercial Harvest of Bristol Bay Salmon, 2015-2019 annual average**

- **218 million pounds**
  - COMMERCIAL HARVEST

- **$263 million**
  - VALUE TO HARVESTERS
  
The peak value, in 2019, was $372 million.
Processors employed 6,000 workers in Bristol Bay in 2019 to transform the raw salmon harvested during the fishing season. Processing workers earned $49 million.

Processed Product from Bristol Bay Salmon, 2015-2019 annual average

137 million pounds

PROCESSED PRODUCT

$540 million

FIRST WHOLESALE VALUE
The peak value, in 2019, was nearly $710 million.
$990 million
TOTAL IMPACTS WITHIN ALASKA IN 2019

- Commercial fishing activity resulted in $294 million in direct labor income.
- Processing activity generated $81 million in direct labor income.

Alaska resident fishermen earned $151 million from Bristol Bay salmon in 2019, including $50 million earned by residents of Bristol Bay region communities.

Non-resident fishermen earned an additional $192 million in 2019.

The Bristol Bay salmon run also is a significant component of the overall Alaska salmon resource. The commercial harvest of 45 million salmon was one-fifth of all salmon commercially harvested in Alaska in 2019 and provided more than half the ex-vessel value from all salmon harvested in Alaska that year.
The Pacific Northwest plays a crucial role as a gateway between the Alaska seafood industry and the rest of the world. The region boasts a wide range of port facilities, seafood processing infrastructure, and is home to many companies that manufacture and/or sell equipment to Alaska operations.
Bristol Bay’s Record Sockeye Salmon Runs (2010–2019 in millions of fish)

<table>
<thead>
<tr>
<th>Year</th>
<th>Sockeye Commercial Catch</th>
<th>Sockeye Escapement</th>
<th>Total Sockeye Run</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>29.1</td>
<td>11.6</td>
<td>40.6</td>
</tr>
<tr>
<td>2011</td>
<td>22.1</td>
<td>8.5</td>
<td>30.6</td>
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<tr>
<td>2012</td>
<td>20.9</td>
<td>9.4</td>
<td>30.4</td>
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<tr>
<td>2013</td>
<td>15.4</td>
<td>8.7</td>
<td>24.4</td>
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<tr>
<td>2014</td>
<td>29.1</td>
<td>12.0</td>
<td>41.1</td>
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<tr>
<td>2015</td>
<td>36.7</td>
<td>22.4</td>
<td>58.8</td>
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<tr>
<td>2016</td>
<td>37.6</td>
<td>14.1</td>
<td>51.7</td>
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<tr>
<td>2017</td>
<td>38.8</td>
<td>18.8</td>
<td>57.6</td>
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<tr>
<td>2018</td>
<td>41.9</td>
<td>21.0</td>
<td>63.0</td>
</tr>
<tr>
<td>2019</td>
<td>43.0</td>
<td>13.4</td>
<td>56.3</td>
</tr>
</tbody>
</table>

5-Year Average: 39.6
10-Year Average: 31.5

Source: ADF&G AMR.

*Subsistence and Sport Harvest data are not included due to different fish accounting systems.

†2019 data are preliminary.
<table>
<thead>
<tr>
<th>Year</th>
<th>Ex-Vessel Volume (lbs.)</th>
<th>Ex-Vessel Value</th>
<th>First Wholesale Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>181.2</td>
<td>$165.2</td>
<td>$403.9</td>
</tr>
<tr>
<td>2011</td>
<td>139.7</td>
<td>$158.9</td>
<td>$363.5</td>
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<tr>
<td>2012</td>
<td>127.1</td>
<td>$142.7</td>
<td>$299.3</td>
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<tr>
<td>2013</td>
<td>100.6</td>
<td>$151.4</td>
<td>$323.0</td>
</tr>
<tr>
<td>2014</td>
<td>171.4</td>
<td>$221.5</td>
<td>$408.2</td>
</tr>
<tr>
<td>2015</td>
<td>199.7</td>
<td>$124.9</td>
<td>$381.5</td>
</tr>
<tr>
<td>2016</td>
<td>210.8</td>
<td>$192.4</td>
<td>$482.1</td>
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<tr>
<td>2017</td>
<td>219.4</td>
<td>$275.5</td>
<td>$563.5</td>
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<tr>
<td>2018</td>
<td>228.5</td>
<td>$349.6</td>
<td>$717.4</td>
</tr>
<tr>
<td>2019</td>
<td>232.4</td>
<td>$372.0</td>
<td>$709.9</td>
</tr>
<tr>
<td>5-Year Average</td>
<td>218.1</td>
<td>$262.9</td>
<td>$570.9</td>
</tr>
<tr>
<td>10-Year Average</td>
<td>181.1</td>
<td>$215.4</td>
<td>$465.2</td>
</tr>
</tbody>
</table>

Source: ADF&G COAR.
Bristol Bay harvest value increasing as a % of Alaska Total: Now Over 50% (2010–2019)

Source: ADF&G.
Bristol Bay wild salmon are an abundant, perpetual resource that are a vitally important economic engine, the foundation of indigenous cultural systems, and play a critical role in the regional ecosystem.

- The sustainable, renewing resource generated more than $2.2 billion in value in 2019, supporting tourism, seafood harvest and processing, and a host of support sector businesses.
- Bristol Bay salmon provide income, directly or through indirect and induced impacts, for more than 15,000 Americans.
- Resource taken through subsistence harvest provides food and cultural sustenance for more than 700 households in the Bristol Bay region.
- Bristol Bay salmon act as an ecological pump, carrying rich marine nutrients deep into regional watersheds where they feed a host of animals and biological processes.
- The nutritious seafood produced from Bristol Bay’s sustainable harvest is enjoyed by consumers in dozens of countries, distributing the benefit of this resource across the globe.

To View Full Report Visit: FishermenforBristolBay.org/News
Current Status of Pebble Mine and The Call for Permanent Protections for Bristol Bay
Summary of Major Events in 2020

A whole lot happened last year! Here’s a brief list of major events that occurred throughout 2020!

Financial Trouble

Joining the growing list of major partners and potential investors who have walked away from this toxic project, multinational investment banking and financial services firm Morgan Stanley reduced 99% of its shareholdings in the Pebble project in June – the latest global indication of the financial toxicity of Pebble.

To sign a divestment letter to Pebble’s top investors, go to utbb.org/get-involved.

Final Environmental Impact Statement (FEIS) Release

July 2020, scientific experts exposed the myriad of ways that Pebble’s plan would destroy the pristine waters of Bristol Bay, which support critical salmon habitat that provides for the region’s indigenous people and half the world’s supply of wild sockeye salmon. For more details on the Army Corps of Engineer’s Final Environmental Impact Statement, watch this expert panel discussion reviewing its findings:

https://www.facebook.com/227798120738608/videos/221906979018855

House Appropriations

Once again, the US House of Representatives voted in July 2020 to suspend funding for the Army Corps to work on the Pebble permitting process citing serious concerns about the reckless and rushed process, and signaling the wide-spread national recognition that Pebble should not be built in Bristol Bay and sending a clear message to the Army Corps about the need to improve their process and hold Pebble to an appropriate standard.

More details about this action can be found at:
http://www.utbb.org/blog/2020/7/3/bristol-bay-tribes-celebrate-congressional-intervention-on-pebble-mine

Compensatory Mitigation

The initial compensatory mitigation plan put forth by Pebble—which was to improve wastewater treatment in nearby towns and clean debris from beaches—fell far short from offsetting the damage that would be caused by the mine.

Late last summer, the U.S. Army Corps of Engineers finally acknowledged that Pebble’s proposal was too toxic for Bristol Bay and determined that Pebble “would likely result in significant degradation of the environment ... and significant adverse effects on the aquatic and human environment,” echoing what the people of Bristol Bay have known for decades.

Pebble was required to submit a new mitigation plan by Nov. 18.

For more information on this announcement, check out:

That's not all * PEBBLE'S KEY FEDERAL PERMIT DENIED * See next slides!
"Pebble Tapes"

Last fall, the Pebble Limited Partnership and parent company Northern Dynasty Minerals (NDM) were exposed as what they truly are – a dishonest foreign mining company working hand in hand with politicians and regulators to fast track the development of one of the world’s largest open-pit mines at the headwaters of the last great wild salmon run on the planet – all while lying to Alaskans, Congress, and the people of Bristol Bay.

The reality of Pebble’s plans and corruption was revealed in the ‘Pebble Tapes’ released by the Environmental Investigation Agency. The tapes featured recorded conversations with Pebble’s top executives who believed they were talking to potential investors.

In addition to revealing the company’s corruption, the tapes confirmed what technical experts have been saying for years: Pebble’s plan is incomplete and not ready for construction, meaning the review is based on a fictional mine, not a plan grounded in construction and environmental realities. They also provided additional insight into the company’s finances, including the belief that Alaskans will subsidize the foreign mining company’s effort with $1.5 billion for infrastructure, and showed that discussions of “mineral security” by Pebble and its advocates are merely well-crafted talking points. In fact, the Canadian company intends to ship the ore to Asia and is actively seeking foreign investors to benefit from the project it expects Alaskans to subsidize. Executives also made several statements asserting the political opposition to the project was just talk, and that any pledges made to stop the project are merely part of America’s “silly season” running up to the election.

To view ALL the Pebble Tapes, including the latest release on October 29, 202 visit: https://eia-global.org/reports/20200921-the-pebble-tapes

Thiessen: “…based on a 180,000 short tons a day of processing capacity, and we have 10 billion tons, that’s 180-year mine life. And we know that there’s more ore there so it’s probably gonna be more than 200 years.”

Thiessen: “…there could be more mines on the Pebble lands over time. We have other sites that we’ve drilled into and we have ore-grade mineralization in other areas in that 425 square miles but we don’t talk about it too much because right now we want people to focus on only Pebble…”

Collier: They’re [Sullivan & Murkowski] just kind of sitting over in a corner and being quiet, OK?… she [Murkowski] had some opportunities to kill this project if she wanted to and she didn’t do it.”
Alaska’s Senators Respond

"I simply think this is the wrong mine in the wrong place... We need longer-term protections for the region that can also provide enduring values for Alaskans."

Alaska U.S. Senator Lisa Murkowski, October 15, 2020

"Let me be even more clear: I oppose Pebble Mine. No Pebble Mine."

Alaska U.S. Senator Dan Sullivan, September 24, 2020

Bristol Bay Responds

The Environmental Investigation Agency's 'Pebble Tapes' revealed disturbing deceptions from Pebble and its parent company Northern Dynasty, sharing with the world the deceitful tactics the company has long used in Bristol Bay.

The tapes show that the company has been deceitful in its work to permit the unwanted mine, portray the state and federal government as complicit in the company's efforts, and assert that Alaska's senators have allowed this to occur while paying lip service to their constituents. The videos also show discrepancies between the plan the company is touting to federal regulators, and their private plans for a much larger mine including plans to share infrastructure with other projects and turn Southwest Alaska into a mining district.

You can find Bristol Bay Leadership's full response to the Tapes in this press conference: https://www.facebook.com/227798120738608/videos/3297462520370951
"Not only do they suggest the company is misleading the public about the size and scope of this destructive open pit mine, but also that Mr. Collier misled Congress in order to get what he wanted, which is an extremely serious matter. I've directed my investigative staff to closely examine these newly-revealed recordings,"

**Oregon U.S. Congressman Peter DeFazio, September 24, 2020**

“The Department of Justice should investigate what is disclosed in these disturbing Pebble Tapes… We must do everything we can to protect Bristol Bay salmon and the thousands of American jobs that depend on them. To that end, I would support legislation that would block Pebble Mine permitting until we can get to the bottom of these shocking revelations.”

**Washington U.S. Senator Maria Cantwell, September 29, 2020**
New
Compensatory
Mitigation Plan

The Pebble Partnership submitted its final compensatory mitigation plan to the U.S. Army Corps of Engineers two days ahead of its Nov. 18 deadline. The Corps determined that the “plan for the discharge of fill material does not comply with Clean Water Act guidelines and concluded that the proposed project is contrary to the public interest.”

Record of Decision

November 2020, Bristol Bay celebrates the Army Corps of Engineer’s rightful decision to deny Pebble’s key federal permit. While the Pebble Partnership has suffered a major setback, the threat of toxic large-scale hard rock mining will continue to loom over Bristol Bay until permanent protections are secured for the region. Future generations should not have to live with the threat of mining developments that would devastate our cultures, communities, and existing economies. We must ensure that Bristol Bay’s pristine lands and waters are protected in perpetuity. The fact that this permit denial came from a pro-development administration speaks volumes to the need for strong, permanent protections for the Bristol Bay watershed and all it sustains.

Access denied: Pebble Mine permit does not pass go

by Jessica Hathaway in News, Expo News, Alaska, National & International

The crews of the F/V Miss Gina and F/V Isanotski in Egegik, Bristol Bay, Alaska, celebrate the birthday of longtime fisheries advocate and drift gillnet captain Mike Friscero during the 2020 summer salmon season – Amelia Egle, Veronika Kruger, Meghan Wallace, Taj DeVries, Molly Miller and Sierra Henry. Mike Friscero photo
Army Corps agrees to reconsider Pebble Mine permit denial

By Liz Ruskin, Alaska Public Media - March 2, 2021

The U.S. Army Corps of Engineers will reconsider its decision denying a permit for the proposed Pebble Mine.

State of Alaska Appeal

January 2021, UTBB Response to State of Alaska Appeal of Pebble Permit Denial: "Bristol Bay residents and Alaskans have been clear that we will not trade one of the world's last robust salmon fisheries for a gold mine, and the Army Corps decision affirmed that this toxic project is too risky for our home and does not serve the public interest. It's outrageous that Gov. Dunleavy and his administration would go against the will of Alaskans to benefit a foreign mining company that has no value to our state, and shows once again how out of touch he is."

-United Tribes of Bristol Bay Deputy Director Lindsay Layland

Pebble Appeal

January 2021, the Pebble Limited Partnership (PLP) filed an unfounded appeal of the U.S. Army Corps of Engineers' (USACE) permit denial. In late 2020, the USACE rightfully determined that Pebble’s proposal is not in the public interest and poses far too great a risk to our waters and all they sustain. More than two decades of scientific study and review have proven that this mine cannot be safely developed at the headwaters of Bristol Bay. It is time for this toxic endeavor to end. This appeal is just the latest disgraceful attempt to force an unwelcome project on the people, lands, and waters of Bristol Bay. The appeal is under review by the Army Corps of Engineers Pacific Ocean Division.
The Call to Protect Bristol Bay

In December 2020, United Tribes of Bristol Bay (UTBB), Bristol Bay Native Association (BBNA), and Bristol Bay Economic Development Corporation (BBEDC) published the “Call to Protect Bristol Bay,” which details a tribally-led vision for permanent protections that would provide long-term certainty for our region’s robust natural resources, cultures, traditional practices, and subsistence way of life.

There are two things that need to happen to protect Bristol Bay Permanently

1. The EPA Must Immediately Veto Pebble Mine

Now is the time for the Environmental Protection Agency to use section 404c of the Clean Water Act to veto the Pebble Mine. No other approach can create the immediate safety net for those who depend on Bristol Bay. The U.S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, and the Environmental Protection Agency have concluded that Pebble Mine will damage Bristol Bay forever – yet they have allowed the project to continue. The EPA must start its veto process immediately.

2. Congress Must Act to Protect Bristol Bay in Perpetuity

It is time for our elected leaders to introduce and pass the legislation to protect the waters of Bristol Bay, Alaska in perpetuity.
A Call to Protect Bristol Bay: It is time to protect Bristol Bay once and for all.

Bristol Bay, Alaska is home to the world’s largest wild sockeye salmon run. Each year, tens of millions of returning wild salmon sustain local communities and Alaska Native Tribes, generate $2.2 billion in annual economic activity, and provide 15,000 full-time jobs. For more than 15 years, foreign-owned mining companies have sought to develop a massive open-pit mine that puts all of this at risk.

Public outrage over well-documented scandals that came to light during the final stages of the permitting process spurred our elected leaders to move forward and publicly express strong opposition to Pebble Mine. But now, after these revelations that Pebble Mine executives lied, and the permitting process is at a close, these open-ended admonishments are not enough.

Alaska Native Tribes, commercial and sport fishermen, hunters, wildlife viewers, and millions of Americans from across the political spectrum have come together to send a message to our political leaders: the waters of Bristol Bay are simply too precious to risk with large-scale hard rock mining. A Call for Permanent Protection in the name of our communities, our businesses, our children, and generations to come, we call on our elected leaders to permanently protect Bristol Bay’s waters from the threat of the Pebble Mine and projects like it, now.

Step 1: Clean Water Act Protections: The Environmental Protection Agency should use its authority under section 404(c) of the Clean Water Act to veto the Pebble Mine. No other approach can create the immediate safety net for those who depend on Bristol Bay. The U.S. Army Corps of Engineers, the U.S. Fish and Wildlife Service, and the Environmental Protection Agency have all concluded that Pebble Mine will permanently damage Bristol Bay and its fishery. It’s time to act on that science and give Bristol Bay immediate protection.

Step 2: Bristol Bay National Fisheries Area: To ensure that Bristol Bay’s protections are not reversed by future administrations, Congress should introduce and pass the Bristol Bay National Fisheries Area Act that will provide federal protection for the watersheds - and fisheries - of Bristol Bay, Alaska in perpetuity. This legislation should permanently ban any toxic mine waste from the proposed Pebble Mine and large scale projects like it that would harm Bristol Bay’s rivers, lakes and wetlands.

Act Now for the Future: It is time to permanently protect Bristol Bay to ensure that it will continue to provide for current and future generations of Alaska Native people and supply healthy, sustainable food to people around the nation and around the world. Protect Bristol Bay permanently and forever.

Visit StopPebbleMineNow.org for a complete list of supporters

With Bristol Bay

We stand with the people of Bristol Bay in calling for lasting protections.

The fight to protect this region is not over.

Join The Call
The Clean Water Act ("CWA") prohibits the "discharge of any pollutant" into the navigable waters of the United States to preserve "water quality which provides for the protection and propagation of fish, shellfish, and wildlife."

EPA has the authority to "prohibit the specification of any defined area as a disposal site, and to deny or restrict the use of any defined area for specification" if after public notice and hearings, the EPA determines that the discharge of dredge or fill material "will have an unacceptable adverse effect on [...] fishery areas (including spawning and breeding areas), wildlife, or recreation areas."

The EPA may initiate this process at any time; "prior to an application submission to the Army Corps for review, during the Army Corps review process, or after the Army Corps has issued a permit under CWA 404 authority."

The Pebble Permitting process has failed and CWA protections are necessary
After two years of study Army Corps of Engineers found the Pebble Mine project could cause "unavoidable adverse impacts to aquatic resources" and would result in "significant degradation to those aquatic resources." The Corps cited direct and indirect impacts to over 3,000 acres of wetlands and 184 miles of streams from the mine site, transportation corridor and port site. These findings mirror the threshold for EPA to initiate a 404(c) action now
What Can You Do?

**Individuals:**

Join The Call at:
fishermenforbristolbay.org/takeaction

Build the Buzz on social media:

Follow & Tag us @UnitedTribesBB @FishermenforBristolBay @StopPebbleMine

#ProtectBristolBay #StopPebbleMine

Don’t forget to @ your members of Congress & EPA

Make a Call Today and make sure your members of Congress understand Protecting Bristol Bay is a top priority for you!

**Businesses and Organizations:**

Add your business or Organization to The Call!

Send a letter to EPA in Support of Immediate 404(c) Action in Bristol Bay

AK Senator Lisa Murkowski (202) 224-6665
AK Senator Dan Sullivan (202) 224-3004
WA Senator Maria Cantwell (202) 224-3441
WA Senator Patty Murray (202) 224-2621
Questions?

Keep in Touch:

Lindsay Layland, Deputy Director
llayland@UTBB.org
UTBB.org
Facebook.com/UnitedTribesBB
Twitter: @UnitedTribes_BB

Katherine Carscallen, Director
kat@fishermenforbristolbay.org
Fishermenforbristolbay.org
facebook.com/FishermenforBristolBay
Twitter: @fishermen4BB

Andy Wink, Executive Director
andy@BBRSDA.com
BBRSDA.com
Facebook.com/BBRSDA
Twitter: @BBSockeye