

# Water shapes every decision.

Everything depends on clean water, from people to fish to wildlife. That's why we are invested in protecting it. By understanding water's every aspect — flow, chemistry, even temperature — we will protect the environment and downstream Bristol Bay watershed.

**1** The area around Pebble constitutes less than 1% of the watershed.

Even though mine facilities will **interact with a tiny portion** of the Bristol Bay drainage, we will apply the same **best practices already proven successful** in Alaska for decades.

**2** Every drop of water will be carefully managed and treated.

All on-site water will be **managed and monitored**. When released, it will be adjusted to **optimal conditions for fish and aquatic life** — temperature, calcium levels, and flow rate.

**3** Mitigation reduces water flow to 0.01% of the drainage.

When **flow mitigation practices** are applied to our plans, even our carefully-managed water will account for **only a hundredth of a percent** of the water which flows into Bristol Bay.

## Where to learn more...

This is one in a series of fact sheets on the Pebble project. You can find other topics, FAQs, and more by visiting [www.PebbleUpdate.com](http://www.PebbleUpdate.com)



# Rule #1 - Avoid water first.

Studies of Pebble's hydrology — thousands of water quality samples, more than **370,000 analytical lab results**, and an intense study of **20,000 land plots** — have resulted in a thorough understanding of the area's water.

These same studies also help us engineer the mine site in a way that **minimizes the amount of water contacting the mine facilities, while optimizing downstream flow**. Pebble's facilities have been positioned to avoid or minimize the impact to **important fish habitat** and sensitive ecological features like wetlands.

When we can't avoid water, we **find ways to work with it**. For example, we may divert a stream to follow a new path around a location rather than into it, **so the stream can continue to flow**. Depending on the situation, we may even be able to make improvements, which make the ecosystem **even more fish-friendly than before**.



## REALITY CHECK

**“ It will be like a toxic sea of death. ”**

That's a pretty graphic statement. It's also the **worst kind of hyperbole**.

Just how toxic will it be? Conditions at Pebble will be similar to the Gibraltar mine in Canada — where the seepage pond **has fish living in it**.



SEEPAGE POND AT GIBRALTAR

## How confident are you?

We understand the concern about water quality. So we're putting our money where our mouths are — literally:

**Our drinking water at the mine site will be drawn directly from ground water wells.**

## But for how long?

**As long as we need to.** Long-term management is built into the plan — we will remain until the area is declared **physically, chemically, and biologically stable**.

PEBBLE  
DEPOSIT

## Contact the Partnership

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