

# UTILIZATION of ALASKA'S Seafood

## FISHMEAL

Alaska's seafood industry produces

**80,000 MT FISHMEAL** **\$170 MILLION**

CONSISTING OF 92% POLLOCK MEAL

### BONE MEAL

IS PRODUCED FROM LEFTOVER ASH AFTER FISHMEAL PROCESSING!

POLLOCK BONE MEAL ACCOUNTS FOR AN ESTIMATED 14% OF TOTAL POLLOCK MEAL PRODUCTION BY VOLUME.



### Did you KNOW?

Bonemeal can bind to toxic elements in soil and create a healthy environment.



## FISH OIL

Most fish oil in Alaska is produced from Alaska pollock. Fish oil from Alaska is used for HUMAN CONSUMPTION, *aquaculture feed* & **AS A PET FOOD INGREDIENT.**

THE INDUSTRY PRODUCES

**~28,000 MT**



of fish oil

## CRAB TAIL & SHELL

Using crab tails and shells increases yields by 12-14%, resulting in



CRAB SHELLS CONTAIN CHITIN, WHICH IS:



ANTI-BACTERIAL  
ANTI-FUNGAL  
ANTIVIRAL

VALUABLE

Processing shells into chitosan increases their value by over



INSOLUBLE IN WATER!

**2,000%!**

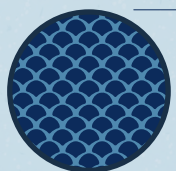
## PROTEIN HYDROLYSATE

Protein hydrolysate processing makes it possible for the Alaska seafood industry to convert effluent and processing waste into a high nutrient content option for animal foods, fish-based fertilizers and human consumption.

### Did you KNOW?

THERE IS A PROMISING FUTURE IN FISH PROTEIN HYDROLYSATE IN FOOD SYSTEMS AND USES IN NUTRACEUTICALS.

## FISH SKIN



Processors harvest collagen peptide, a natural protein found in fish skin, for use as a supplement for healthy skin, tendons and bones.

### Did you KNOW?

Skin is harvested and processed into a gelatin that can be used as a binding agent and food ingredient.

## PET FOOD INGREDIENTS

WILD SALMON MEAL IS THE MOST SOUGHT AFTER PRODUCT FOR THE PET FOOD INDUSTRY BECAUSE OF THE

**RELATIVELY HIGHER OMEGA-3 CONTENT**



Alaska's seafood industry utilizes some FISH HEADS by GRINDING & DRYING them to be sold as raw material to pet food manufacturers.

### Did you KNOW?

Chitin is one of the most abundant biodegradable materials in the world.

CHITIN HAS MANY MARKETABLE USES:

- Blood clotting products in the medical field
- Food preservations
- Textile treatment
- Weight loss supplement
- and many more!



THE ALASKA SEAFOOD INDUSTRY IS CONSTANTLY STRIVING FOR FULL UTILIZATION OF ALASKA'S SEAFOOD RESOURCES

All values are first wholesale unless otherwise noted.

Source: Analyses of Specialty Alaska Seafood Products Report by McDowell Group for ASMI, April 2017.

Figures updated 2022.