

Shannon Kelly

Environmental analyst

Job description

- shell fish and kelp
- Involved with FDA and health departments
- Testing water for bacteria
- Testing shellfish
- Inspect harvesters for protocol
- Inspiring safe product
- Finding Potential pollutant sources
- Walk shorelines every 10-12 years
- Data crunching and analysis
- Reports to FDA and EPA
- Dive studies
- Classify water into approved, conditionally approved, or restricted relay, and prohibited
- Look for red tide blooms
- Help people get aquaculture license
- Use of any cage, net, or long line- water structure

Journey to being involved in aquaculture

- started pre-med
- Went to mount Holyoke college
- Internship with a physical therapist
- Then in Noank with marine microbiologist
- Studying bacteria from shark teeth
- Met people at mystic aquarium
- Joined as a lab technician for shellfish pathologist
- Went to grad school at UConn
- Worked on schooners out of mystic

Challenges

- the more you look the more you find
- Pollution has not really improved in 30 years
- The including conditionally approved has changed things a lot
- Lots of traveling, not a lot of employees to cover a lot of shoreline
- Public perception and awareness of shellfishing
- Water access for commercial boats
- Sewage treatment plants- can cause big problems
- Communication