

# Marine Debris and Aquaculture Use Zones

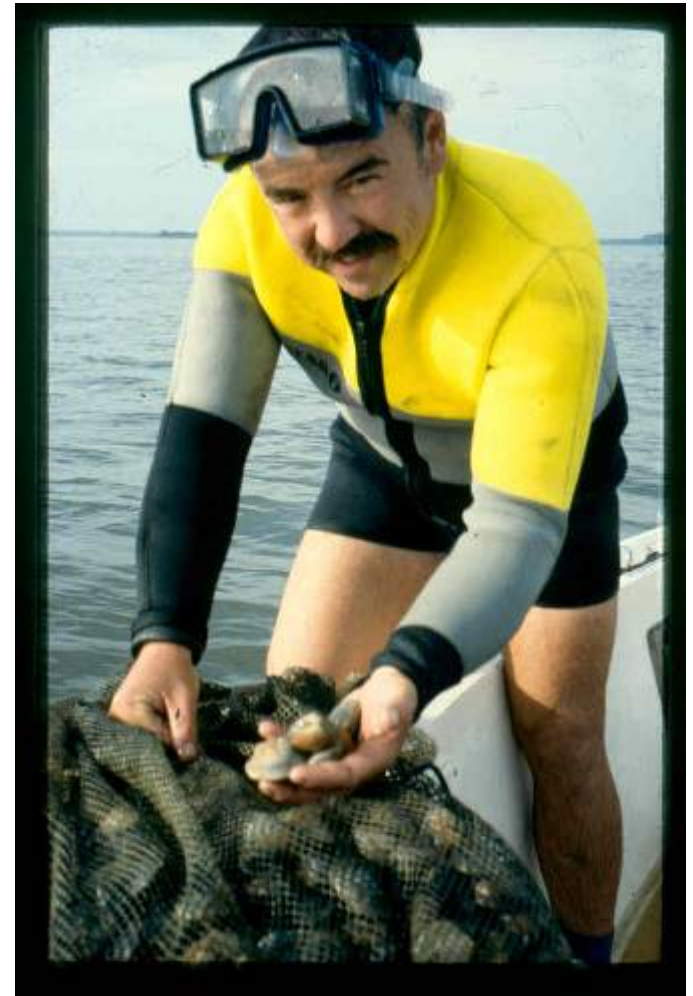


# Aquaculture

**Severe weather events can dislodge shellfish aquaculture production gear and redistribute it in and around State of Florida designated Aquaculture Use Zones (AUZs). These AUZs are located in shallow, nearshore waters proximate to small, rural coastal communities. These communities benefit from \$54 million in annual economic impact generated by shellfish farm and ancillary business jobs, income, sales and purchases.**



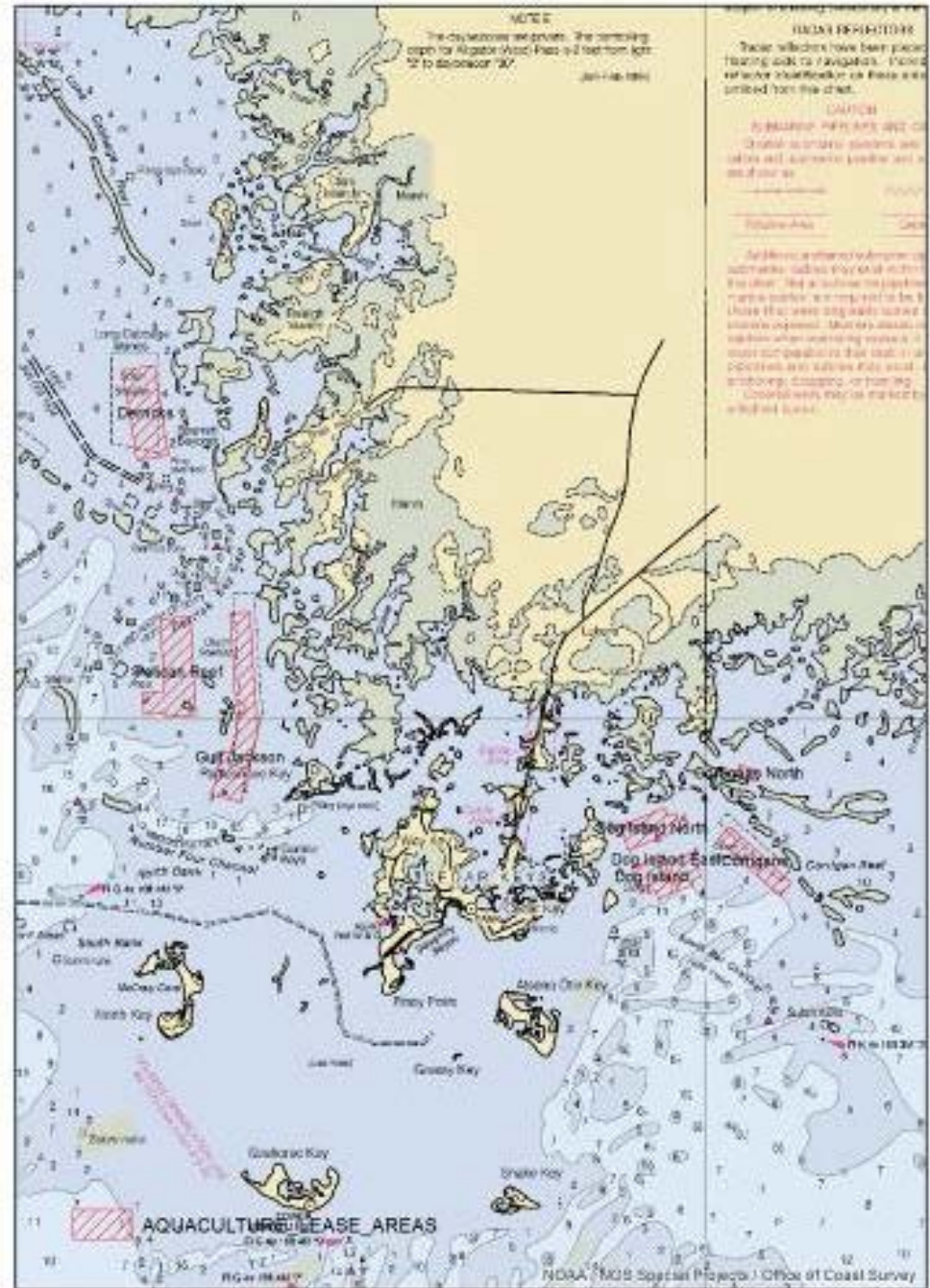
Clams are planted on the bottom in mesh bags and can be covered with a rigid cover net to protect the clams from predators.



# Harvest



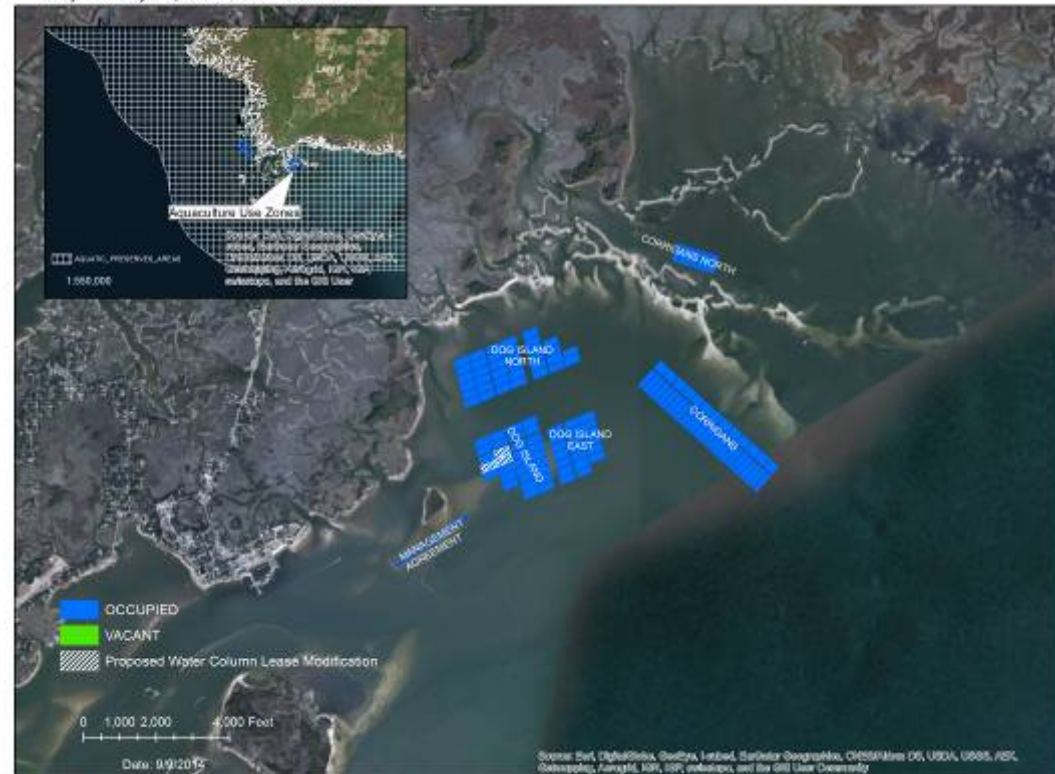
# AUZs in Levy County



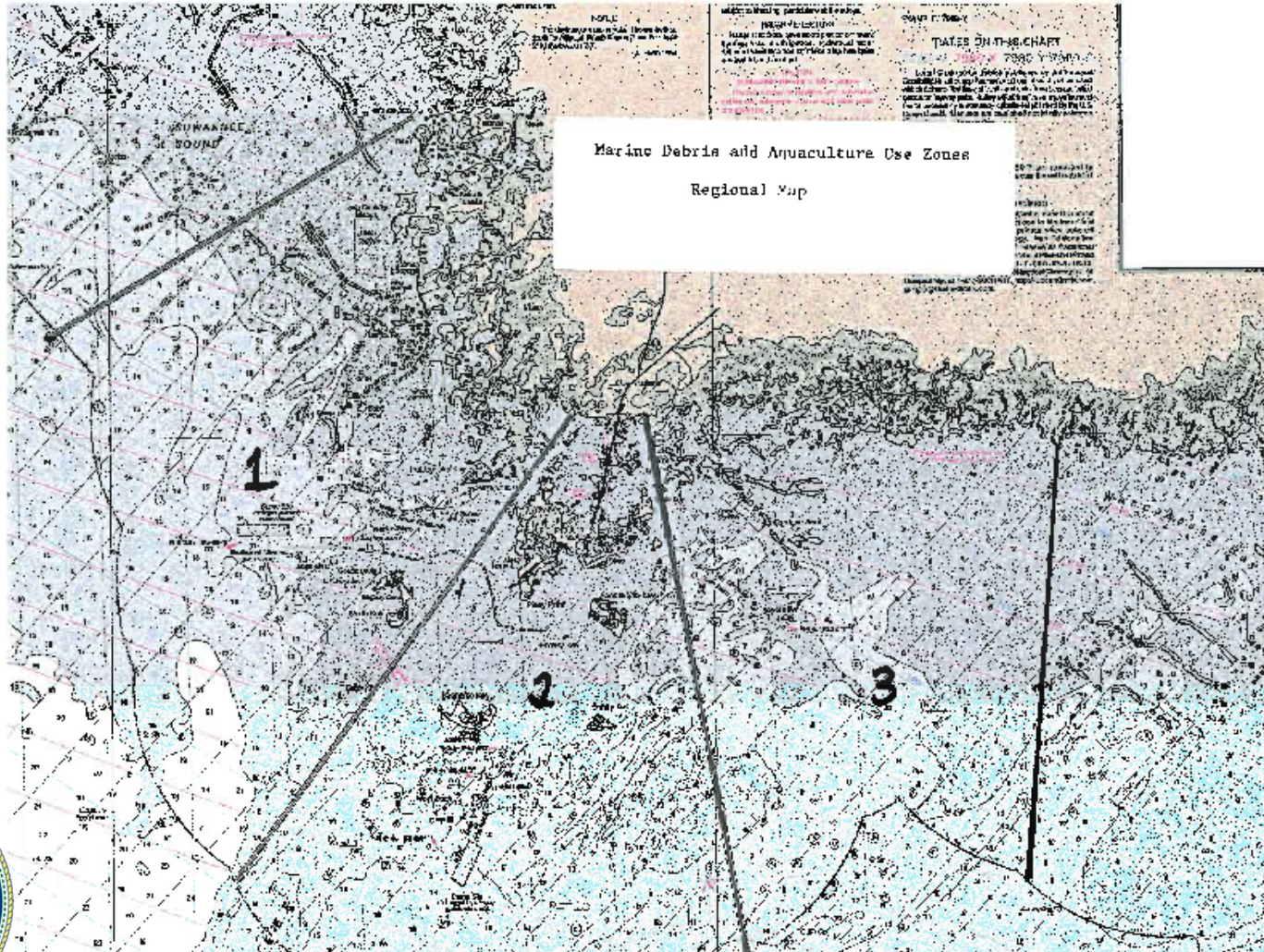
Levy County Aquaculture Use Zones



Levy County Aquaculture Use Zones



# Regional Areas in Cedar Key included in the cleanup



# Quarterly Survey





# Survey of Regions





# Contracted Cleanup





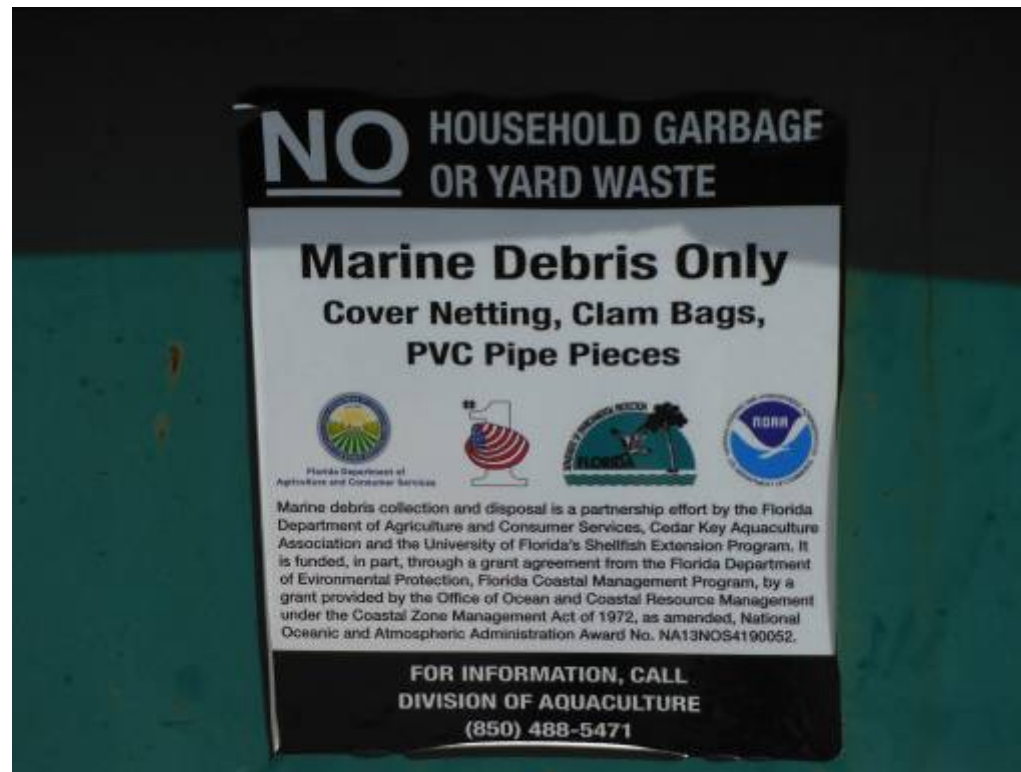




Contracted cleanup removed approximately 36,920 pounds of marine debris from 15 linear nautical miles (72 square nautical miles) of coastline.



Seven marine debris collection containers are being maintained at shellfish processing facilities in Cedar Key.







The containers are checked monthly.  
Estimated marine debris collection amounts:  
Year 1- 15,320 pounds  
Year 2- 58,000 pounds



# International Coastal Cleanup

20-yard dumpster provided for International Coastal Cleanup event in Cedar Key.

Marine Debris Collection estimates:

Year 1- 1,320 pounds

Year 2- 1,900 pounds

Year 3- 4,500 pounds





# Next steps

Continue working with Cedar Key Aquaculture Association and the industry to develop and implement a local, long term solution to address marine debris.



# Questions

