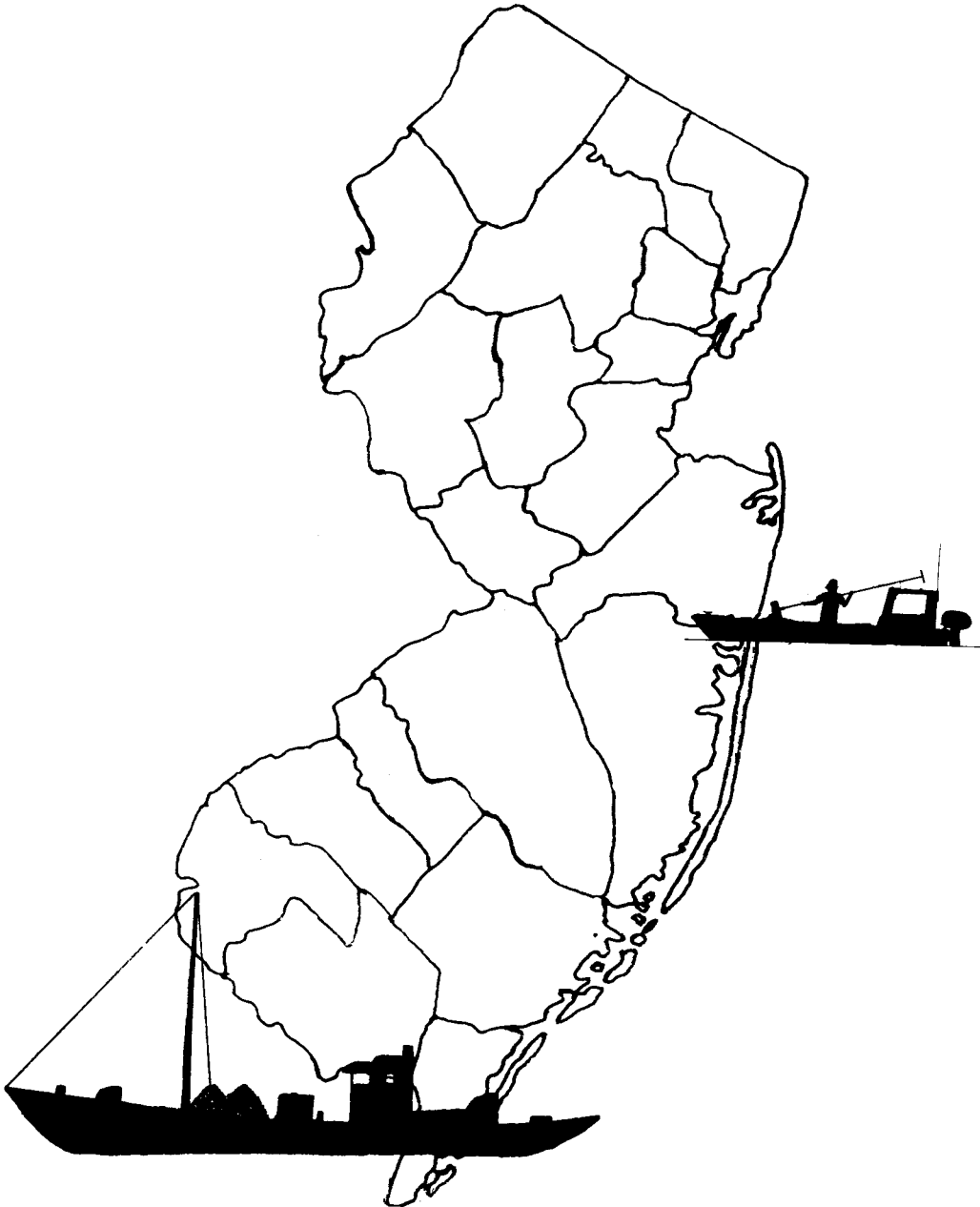


2004 State of New Jersey

Shellfish Growing Water Classification Charts



James E. McGreevey, Governor
Bradley M. Campbell, Commissioner

New Jersey Department of Environmental Protection
Land Use Management
Water Monitoring & Standards
Bureau of Marine Water Monitoring

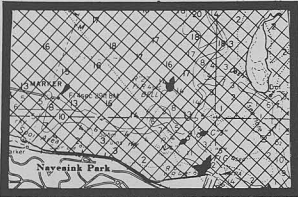
www.nj.gov/dep/bmw

Classification charts are updated annually and must be renewed each year. Charts may be obtained at any shellfish agency, shellfisheries office or from the marine police.

SHELLFISH GROWING WATER CLASSIFICATION CHARTS ARE A GRAPHIC REPRESENTATION OF THE CLASSIFICATION REGULATIONS AND ARE PROVIDED FOR GENERAL INFORMATION ONLY. SEE N.J.A.C. 7:12-1 ET SEQ. FOR THE FULL TEXT AND AREA DESCRIPTIONS.

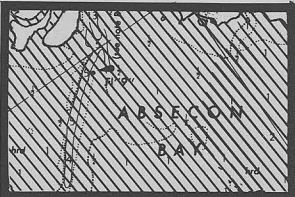
NOTE: These charts are provided for the purpose of delineating shellfish growing water classifications, and are not intended to be used for navigational purposes.

SHELLFISH GROWING WATER CLASSIFICATION CODES



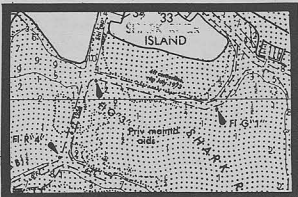
SPECIAL RESTRICTED AREA

Waters condemned for the harvest of oysters, clams and mussels EXCEPT harvesting for further processing may be done under special permit from the State Department of Environmental Protection.



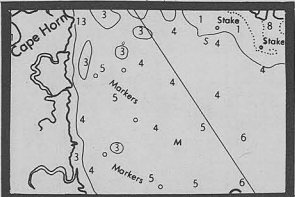
SEASONAL AREA

Waters which are condemned for the harvest of shellfish but open by operation of regulations according to the schedule at 7:12-4.1 and 4.2 refer to specific charts for seasonal dates where applicable.



PROHIBITED AREA

Waters condemned for the harvest of oysters, clams and mussels.



APPROVED AREA

Waters approved for the harvest of oysters, clams and mussels.

PROHIBITED FOR SHELLFISHING

ALL MARINAS, MAN-MADE LAGOONS, ANCHORAGES OR OTHER PLACES WHERE DOCKING OR MOORING FACILITIES ARE PROVIDED FOR BOATS

Definition: A marina is any structure (docks, floating docks, piers, that supports five or more boats) built on or near the water which is utilized for docking, storing or otherwise mooring vessels and usually but not necessarily providing service to vessels such as repairing, fueling, security, or other related activities.

LEASED AREAS

Harvesting from leased shellfish lots is restricted to the lessee. These lots are delineated by stakes or set by the lease holder. Charts of leased areas may be examined at either the Nacote Creek or Bivalve shellfish Offices.

HARVESTING REGULATIONS

Shellfish cannot be taken before sunrise or after sunset or on Sundays, except as provided in N.J.S.A. 50:2-1. Hard clams harvested must be at least 1½ inches in length. No one may take or catch more than 150 clams per day or sell or offer for sale clams, unless he or she is a holder of a Commercial Clam License.

HELP TO PREVENT OVERBOARD DISCHARGES

Please be aware that overboard discharges from harvester's boats have been linked to illness outbreaks associated with shellfish. Please help New Jersey to maintain it's excellent record of safe shellfish harvest by not making any overboard discharges of wastes. If you have any questions about the location of pumpout stations, please call the New Jersey Division of Fish, Game and Wildlife at (609) 748-2056.

PENALTY FOR ILLEGAL SHELLFISHING

Harvesting shellfish illegally is punishable in the following manner;

1st Offense - Petty Disorderly Persons

Fines up to \$500 and/or up to 30 days imprisonment

2nd Offense - Disorderly Persons

Fines up to \$1000 and/or up to 6 months imprisonment

Possible seizure and forfeiture of boat and equipment for any offense

SUMMARY OF 2004 CHANGES

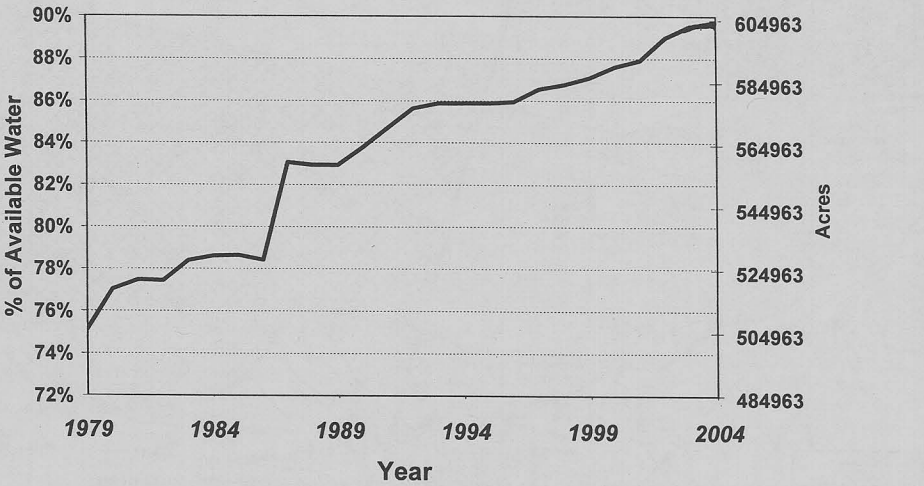
Bradley M. Campbell, Commissioner of the Department of Environmental Protection, adopted pursuant to the authority of N.J.S.A. 13:1D-9 et seq., and N.J.S.A. 58:24-1 et.seq. under Docket No. DEP 29-03-12/418 revisions to rules concerning the reclassification of certain shellfish beds in N.J.A.C. 7:12-1 et seq.

The revisions to the growing water classifications result from surveys conducted by the Bureau of Marine Water Monitoring. These investigations consist of collection and analysis of water samples, the inventory of actual and potential sources of pollution, and hydrographic studies of flow patterns that distribute pollution. These surveys are conducted in accordance with applicable State and Federal (Food and Drug Administration, FDA) guidelines and regulations which are described in the National Shellfish Sanitation Program (NSSP) Manual of Operations (Part I - Sanitation of Growing Areas). The FDA further requires that each state annually appraise the quality of the waters classified as "Approved," "Seasonally Approved," and those "Special Restricted" waters used for relay and depuration. New Jersey conducts scientific investigations, research and, pursuant to N.J.S.A. 58:24-1 et seq., revises the rules annually. The reasons for the revisions of these rules fall in three categories: changes in water quality, enhanced monitoring, and clarification of existing rules. These rules result in the reclassification of approximately 830 acres, of which 510 will be upgraded and 320 acres will be downgraded. The names of the waterways and the number of acres reclassified are listed below in general terms.

CHART #	AREA	ACTION	ACRES
3	Barnegat Bay (Havens Cove Area)	Approved to Seasonally Approved	82
4	Barnegat Bay (High Bar Harbor Area)	Special Restricted to Approved	161
4	Barnegat Bay (Island Beach State Park)	Approved to Seasonally Approved	3
9	Jarvis Sound	Special Restricted to Seasonally Approved	349
10	Delaware Bay (Maurice River Cove)	Approved to Seasonally Approved	235

The continuous monitoring of New Jersey's Shellfish Growing Waters has shown a general trend of improvement in shellfish water quality. This improvement is shown in the chart below.

New Jersey Harvestable Shellfish Waters



Scource: NJDEP, Bureau of Marine Water Monitoring

— HARVESTABLE WATERS %

CONDEMNED AREA SIGNS

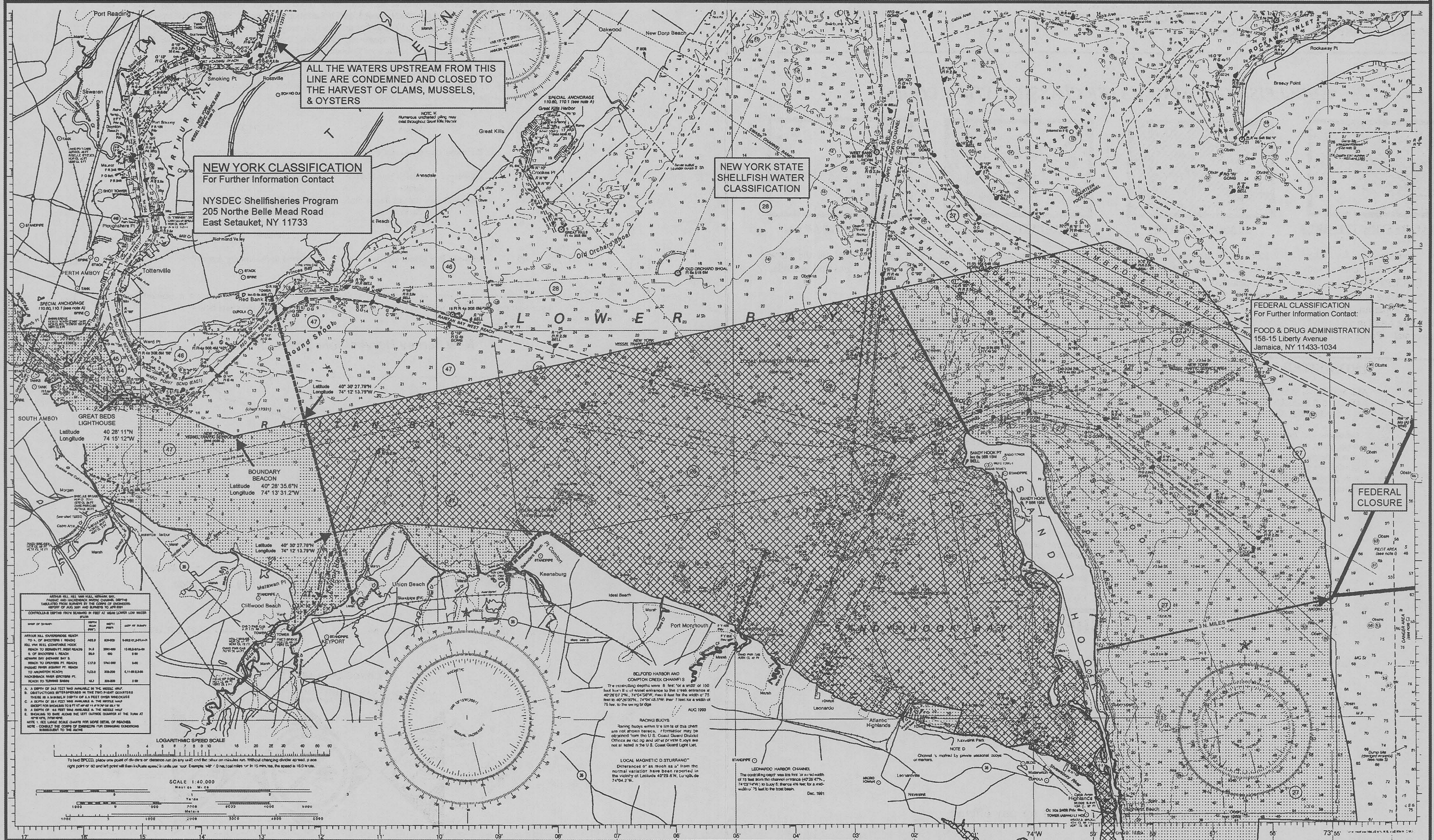
TO AID IN THE DELINEATION OF SHELLFISH GROWING WATERS, CERTAIN AREAS ARE POSTED WITH THE FOLLOWING SIGNS:



SHELLFISH GROWING WATER CLASSIFICATION CHART 1

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

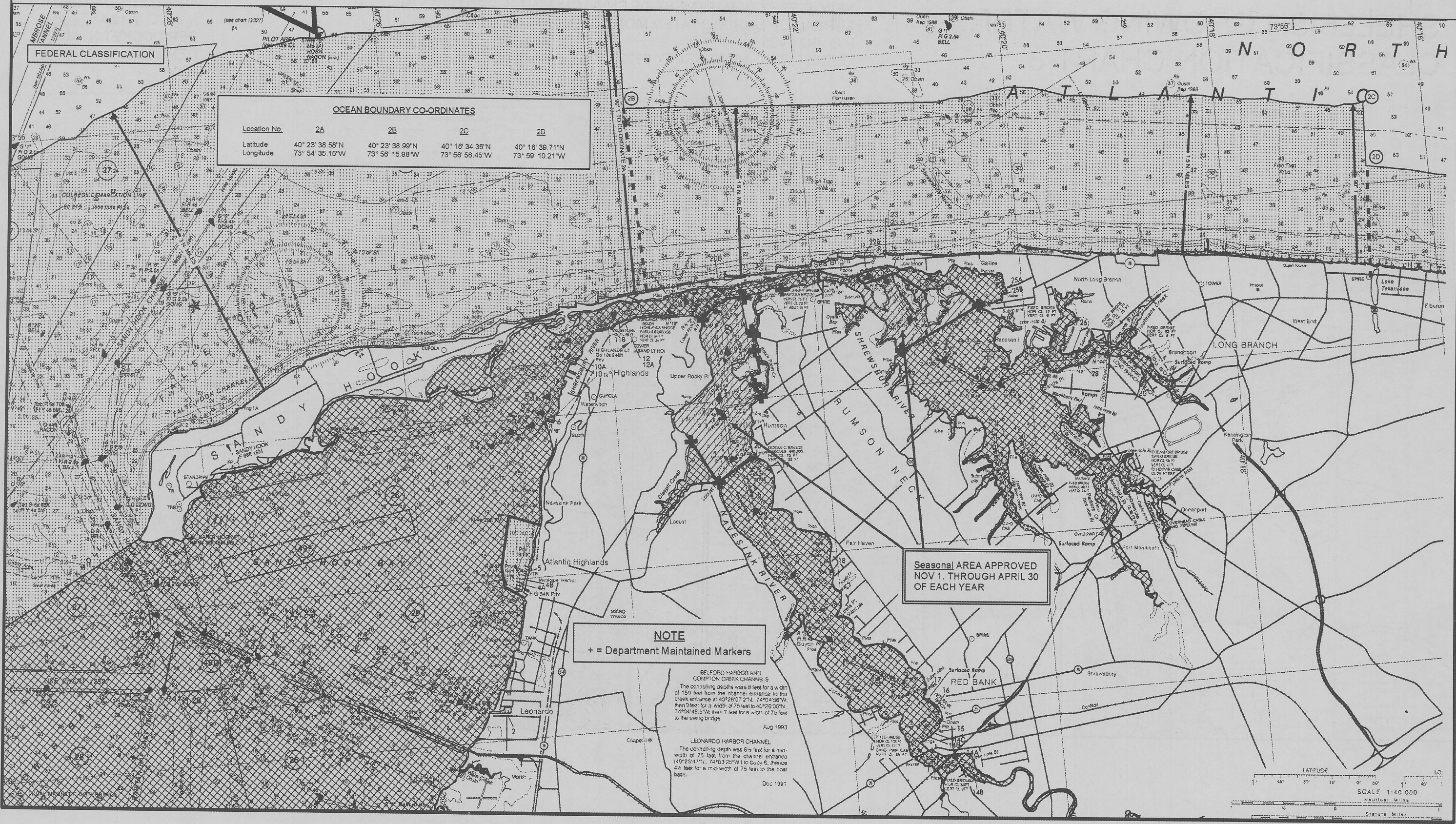
ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET. SEQ.
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 2

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

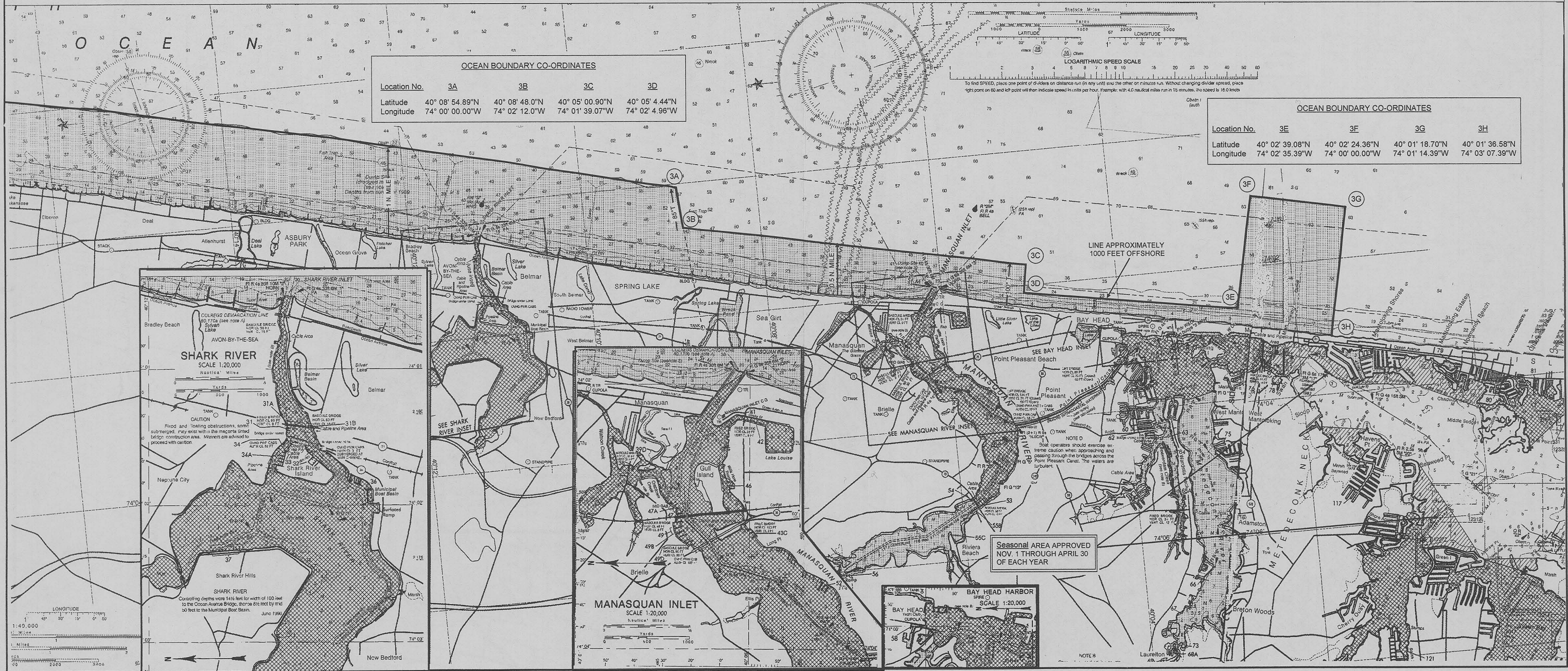
ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET SEQ.
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 3

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

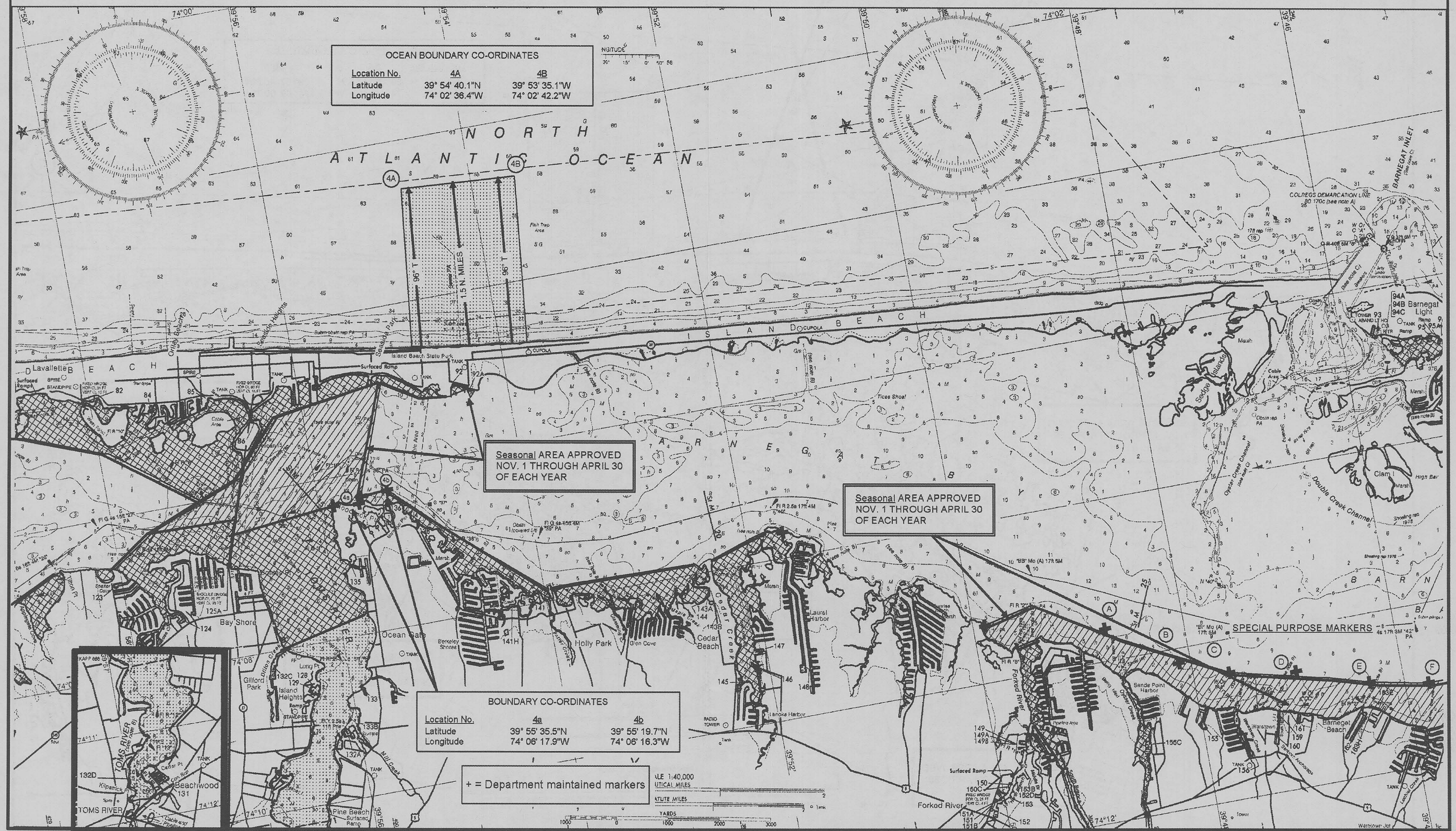
ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 *ET. SEQ*
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 4

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

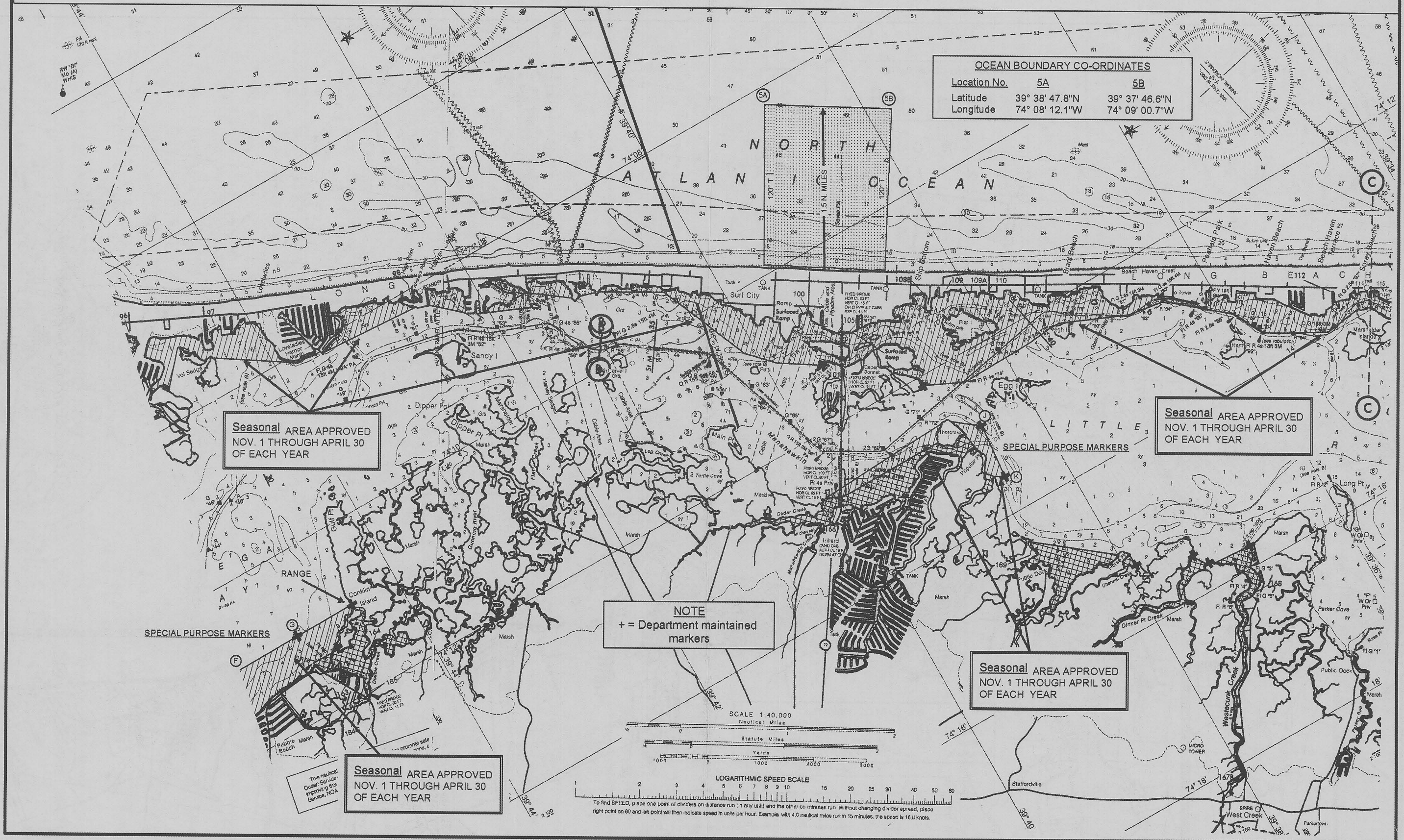
ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 5

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET. SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 6

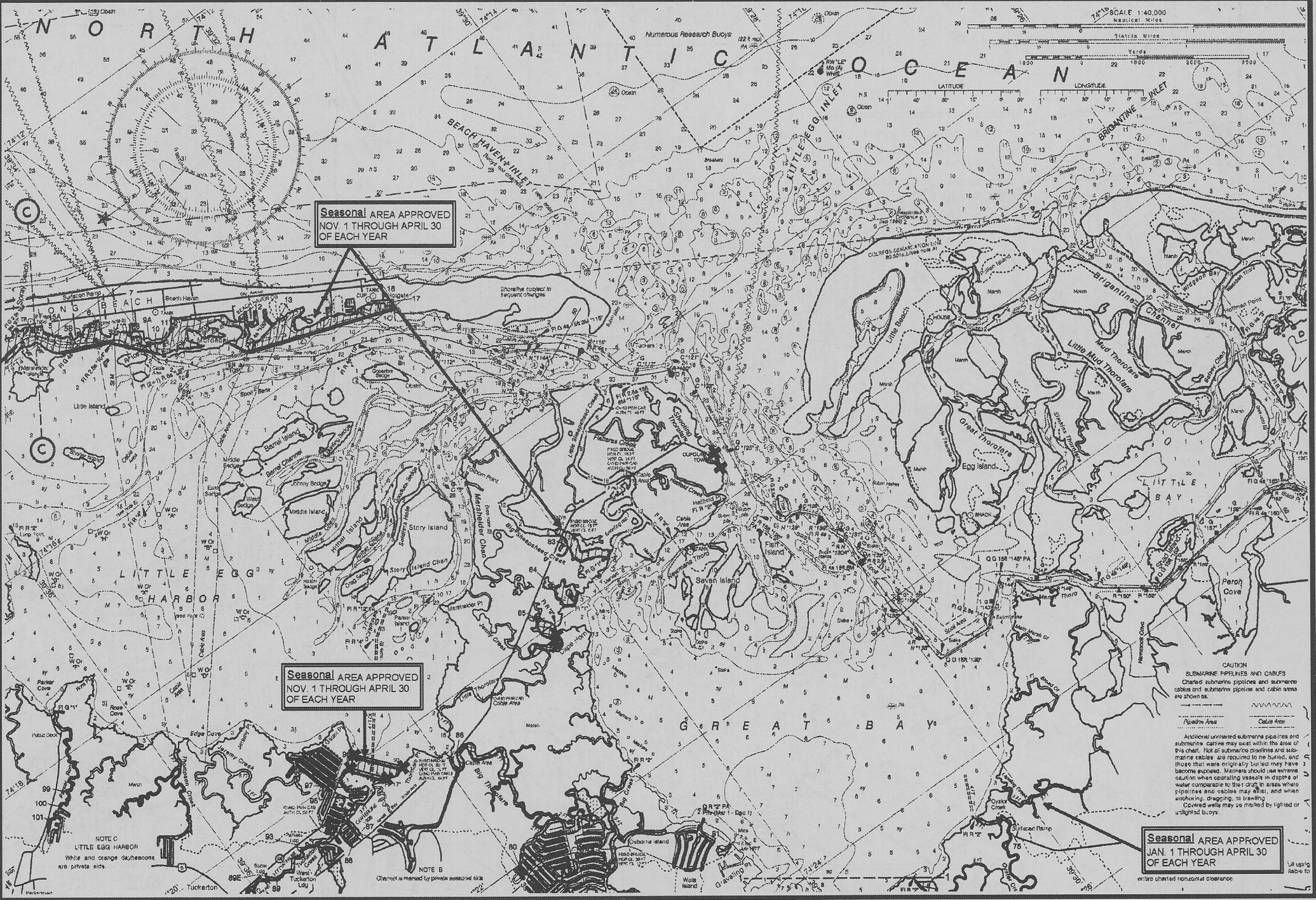
NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004

MULLICA RIVER INSET

Seasonal AREA APPROVED
NOV. 1 THROUGH APRIL 30
OF EACH YEAR

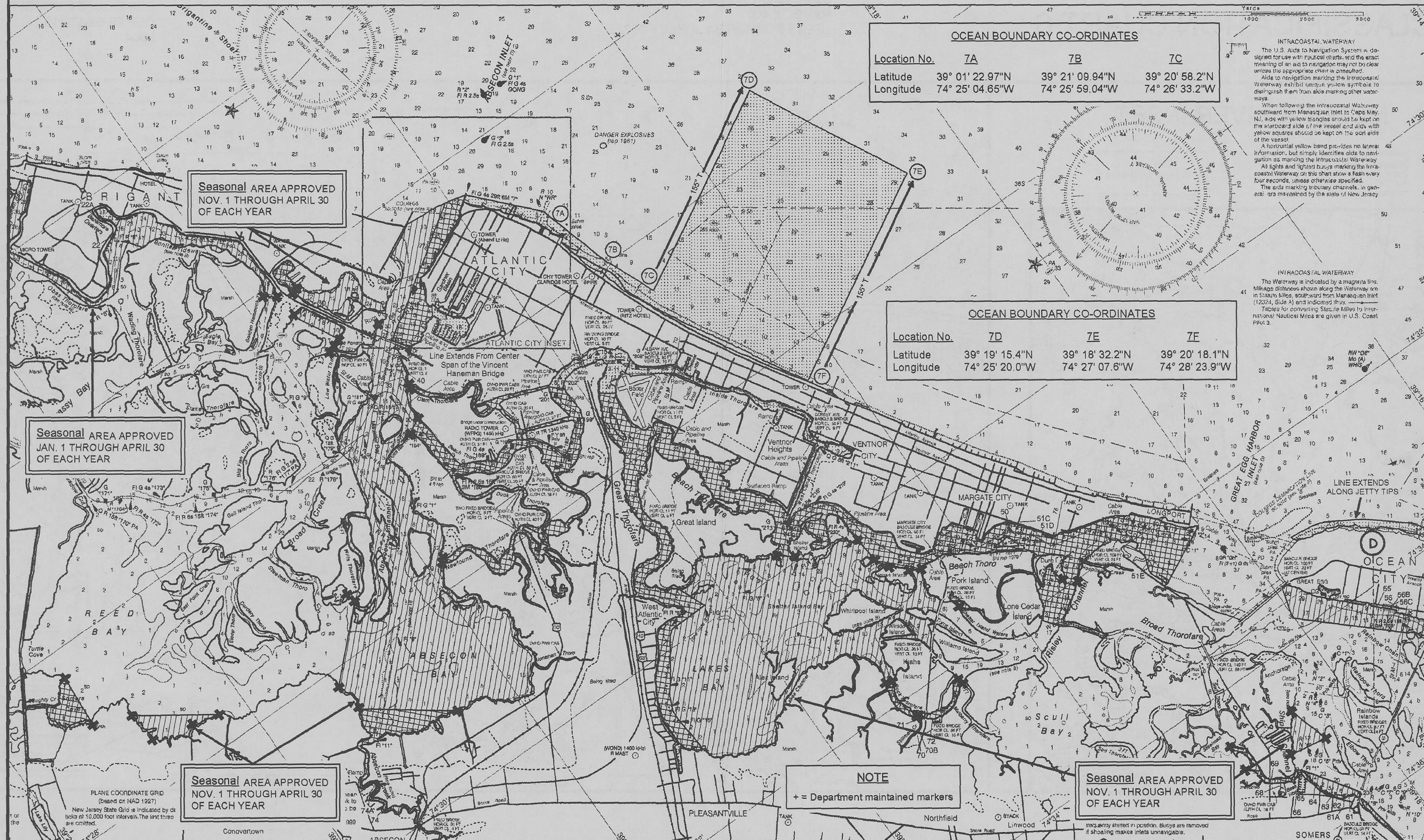
NOTE:
+ = Department maintained
markers



SHELLFISH GROWING WATER CLASSIFICATION CHART 7

NEW JERSEY STATE DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

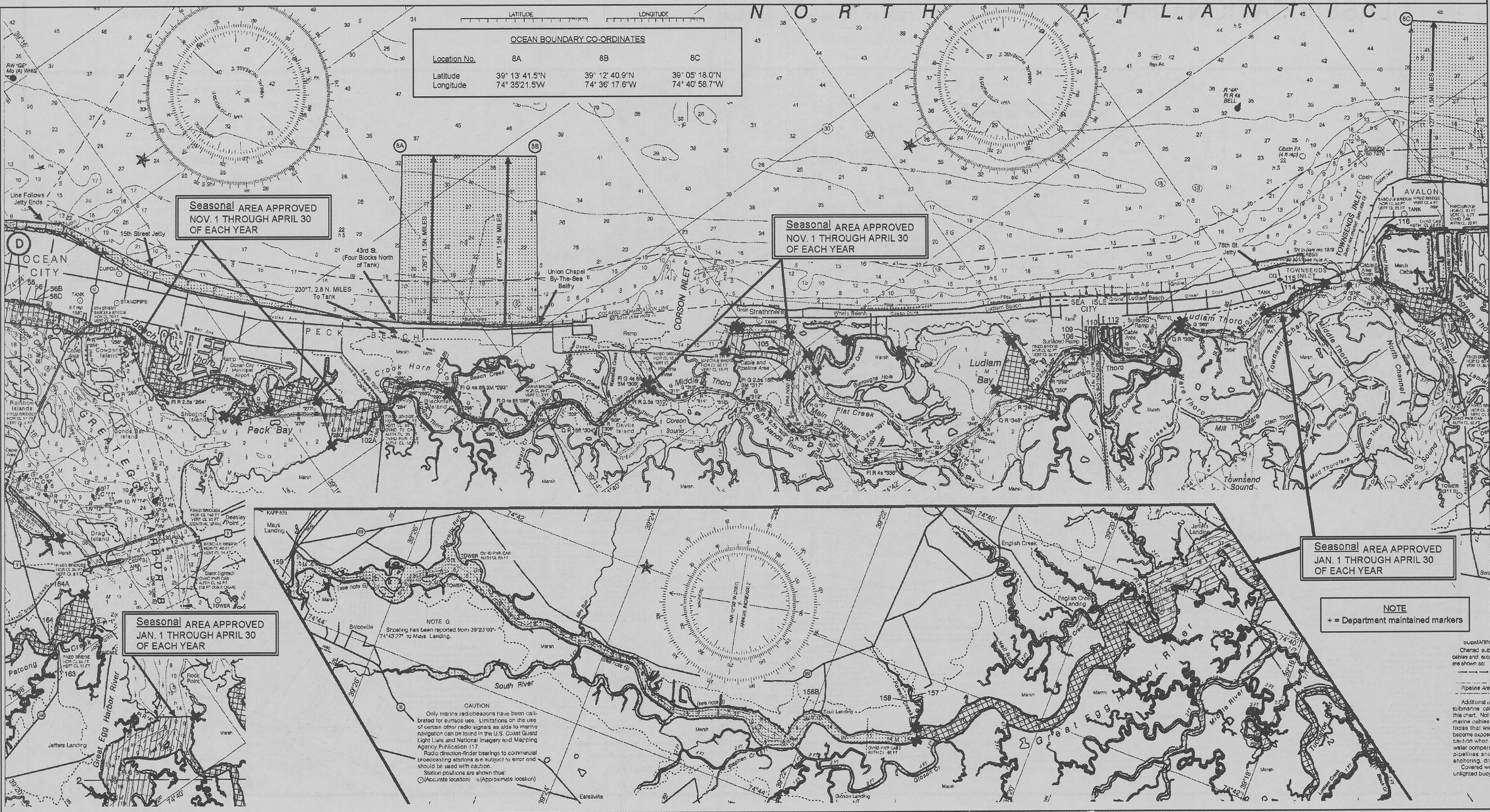
ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET. SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 8

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

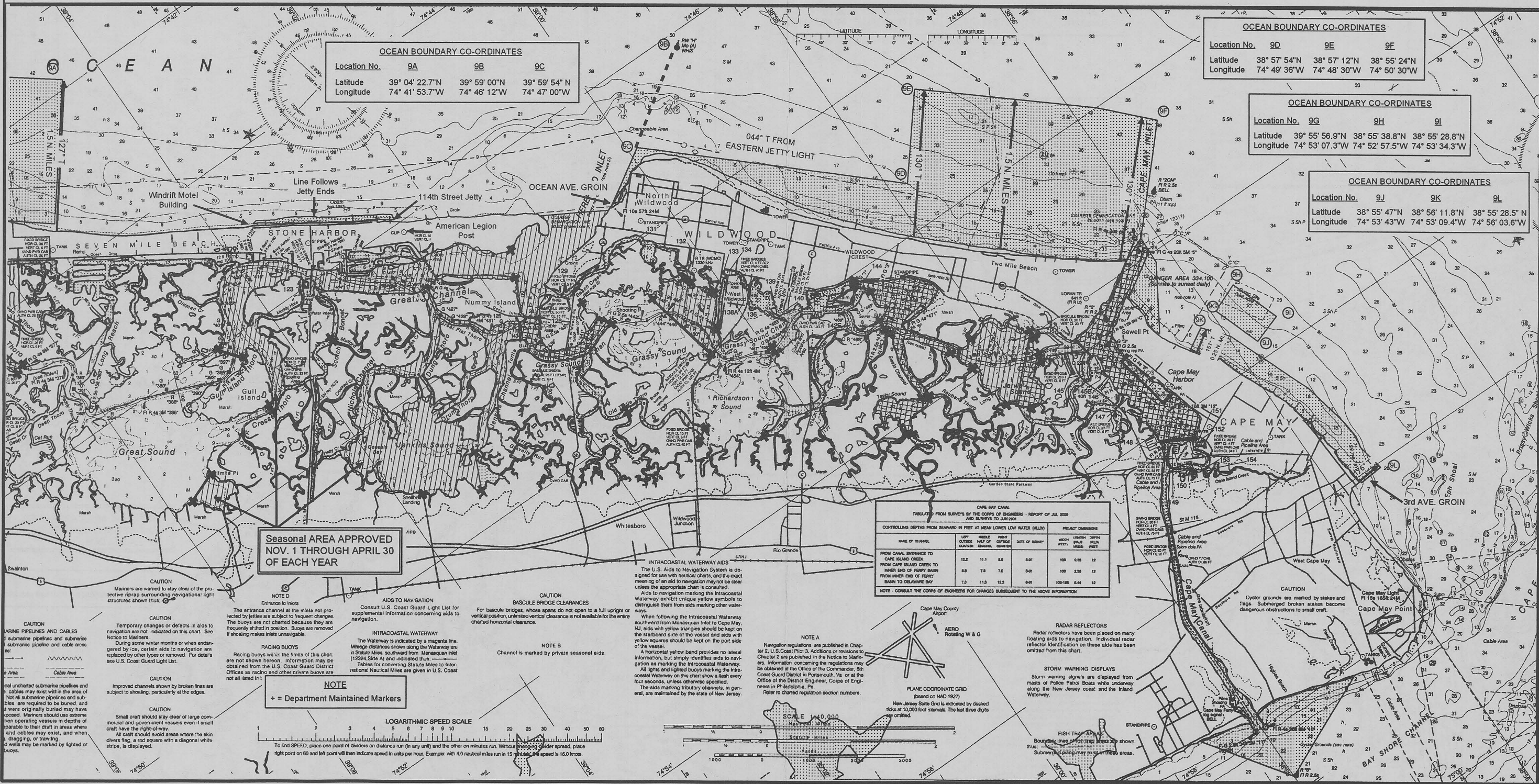
ADOPTED PRUSUANT TO
N.J.A.C 7:12.1 *ET. SEQ*
DEPT DOCKET NUMBER
DEP 29-03-12/418
2004



SHELLFISH GROWING WATER CLASSIFICATION CHART 9

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

ADOPTED PURSUANT TO
N.J.A.C 7:12.1 ET.SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004

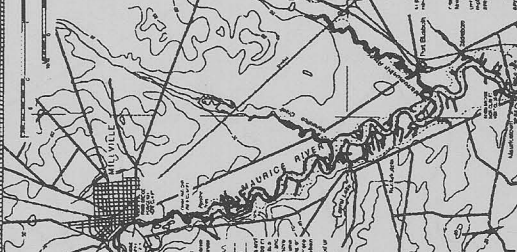


SOUNDINGS IN FEET

SHELLFISH GROWING WATER CLASSIFICATION CHART 10

NEW JERSEY DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF MARINE WATER MONITORING
P.O. BOX 405
LEEDS POINT, NEW JERSEY 08220

Water Quality	Classification	Shellfish Growing Water
Excellent	Class A	Permitted
Good	Class B	Permitted
Fair	Class C	Permitted
Poor	Class D	Not Permitted
Very Poor	Class E	Not Permitted



Water Quality	Classification	Shellfish Growing Water
Excellent	Class A	Permitted
Good	Class B	Permitted
Fair	Class C	Permitted
Poor	Class D	Not Permitted
Very Poor	Class E	Not Permitted

Seasonal AREA APPROVED
NOV. 1 THROUGH APRIL 30
OF EACH YEAR

NOTE
† Department maintained
markers

Seasonal AREA APPROVED
NOV. 1 THROUGH APRIL 30
OF EACH YEAR

G-3
FIG 4 S

Point Co-ordinates
Latitude 39° 11' 06.41"N
Longitude 75° 04' 50.20"W

Point Co-ordinates
Latitude 39° 12' 24"N
Longitude 75° 05' 42"W

STATE BOUNDARY LINE

STATE OF DELAWARE
SHELLFISH WATER
CLASSIFICATION

DELAWARE CLASSIFICATION

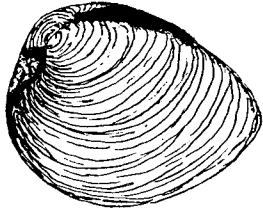
For Further Information Contact

Delaware Department of Natural Resources
and Environmental Control
89 Kings Highway
Dover, DE 19901

ADOPTED PURSUANT TO
N.J.A.C. 7:12.1 ET SEQ
DEP DOCKET NUMBER
DEP 29-03-12/418
2004

COMMERCIALLY IMPORTANT SHELLFISH

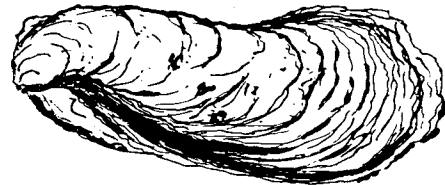
NATIVE TO NEW JERSEY



HARD CLAM - Mercenaria mercenaria

Environment-Estuarine, partially buried in sand or mud bottom.

Size - 1½-5 inches.



EASTERN OYSTER - Crassostrea virginica

Environment-Estuarine, attached to rock, shells, pilings or any other hard object.

Size - 2-6 inches.



BLUE MUSSEL - Mytilus edulis

Environment-exposed in clusters, attached to piles and rocks or in beds on hard bottom.

Estuarine and marine

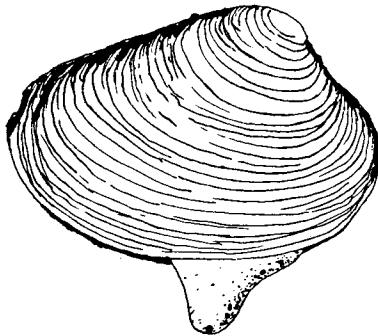
Size - 1-3 inches.



SOFT SHELLED CLAM - Mya arenaria

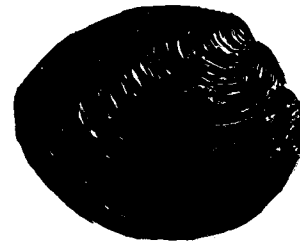
Environment-Estuarine, sandy or mud bottom. Commercially important in northern Monmouth County, associated with depuration.

Size - 1½-6 inches.



SURF CLAM - Spisula solidissima

Environment-Marine, in N.J. surf line to 25+ miles offshore. Most found in less than 100 ft. of water. Size - 7 inches.



OCEAN QUAHOG - Arctica islandica

Environment-Marine, in N.J. 18-25+ miles offshore in 85-160 ft. of water. Size - 3-5 inches.

