### IMPORTANT HEALTH INFORMATION

Fish are an excellent source of protein, minerals and vitamins and play a role in maintaining a healthy, well-balanced diet. Many people enjoy cooking and eating their own catch. However, since 1982, when research began to show elevated levels of potentially harmful contaminants in certain fish and crabs in some New Jersey waters, advisories were adopted to guide citizens on safe consumption practices.

These advisories were developed with reference to federal guidelines for dioxin, PCBs, chlordane and mercury in the aquatic species in the water bodies listed in the charts. You should read both charts thoroughly before going fishing.

Dioxin, PCBs and chlordane are classified by the United States Environmental Protection Agency as probable cancer-causing substances in humans. Mercury can pose health risks to the human nervous system, particularly to developing fetuses.

To minimize exposure to these potentially harmful contaminant’s and to protect your health, follow the guidelines below when preparing and eating the species taken from the areas mentioned. The following charts contain advisories and prohibitions in effect for specific fish and crabs in each water body and the note on the advisory up to the right.

These charts also contain information about advisories issued by the states of Pennsylvania and Delaware that cover the Delaware River and the Chesapeake and Delaware Canal. These areas are common fishing spots for New Jersey residents.

### BOUND BROOK INTERIM FISH ADVISORY

In August 1998, NJDEP issued a final fish consumption advisory for the entire length of the Bound Brook and its tributaries, including New Market Pond and Spring Lake. This action follows an interim advisory issued in 1997, when part of an EPA investigation of the Cornell-Dubilier Superfund site in South Plainfield, NJ, excessive polychlorinated biphenyls (PCBs) contamination was identified in the fish collected from the Bound Brook. This final NJDEP advisory warns the public “do not consume any fish from the waters described above”. This final advisory extends beyond the Bound Brook to include Spring Lake (tributary to the Bound Brook) as a second round of fish testing conducted by EPA identified level of PCBs in excess of the FDA action level. All waterways have been posted according and public information on these toxic contaminant’s is available in this and other publications. Should you want any additional information concerning this matter, contact the agencies listed below.

### CATCH & RELEASE FISHING

Some fish have been tagged as part of ongoing scientific programs. If you catch a tagged fish, record the name and address of the tagging agency or program printed on the tag along with the number on the tag and the date and location of capture. Many programs offer small rewards for this information. For additional information on catch and release, contact: US Fish & Wildlife Service 1-800-448-8322 NJ Division of Fish and Wildlife 609-748-2020 American Littoral Society 1-888-545-8992 NJ Chapter Hudson River Fisherman’s Assoc. 201-857-2400

### PREPARATION AND COOKING GUIDELINES FOR FISH UNDER ADVISORIES

You can reduce the level of PCBs, dioxin and other chemicals (but not mercury) by properly cleaning, skimming and trimming species affected by most advisories and by following the cooking recommendations below. However, do not eat prohibited fish (see charts at right).

- **FISH:** Before cooking, remove and do not eat, the organs, head, skin, and the dark fatty tissue along the back bone, belly and lateral line (sides). Avoid bait or breeding, because they hold in the liquid which may contain contaminant’s. Bake or broil the fish on an elevated rack that allows fats to drain to the pan below; do not fry in a pan. After cooking, discard all liquids. Do not reuse.
- **BLUE CRABS:** Eating, selling or taking (harvesting) blue crabs from Newark Bay Complex is prohibited. The highest levels of chemical contaminant’s are found in the hepatopancreas, commonly known as the tail, head or green gland. It is the yellowish green gland under the gills. If blue crabs are taken from the water bodies other than Newark Bay Complex, the following preparation techniques can be followed to reduce exposure to some contaminant’s. Do not eat the green gland (hepatopancreas), remove green gland (hepatopancreas) before cooking. After cooking, discard the cooking water. Do not use cooking water or green gland (hepatopancreas) in any juices, sauces or soups.

### FISH AND CRAB ADVISORIES BASED ON PCB, DIOXINS AND CHLORODANE CONTAMINATION

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>SPECIES</th>
<th>GENERAL POPULATION</th>
<th>HIGH RISK INDIVIDUAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>NEW JERSEY STATEWIDE</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Note: local advisories may be more specific for the same species. See below.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>NEWARK BAY COMPLEX</td>
<td>American eel, striped bass</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>all fish and shellfish</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>blue crabs</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td>HARRISON BAY</td>
<td>American eel, striped bass</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>blue crabs</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>blue crab</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td>RIVER TAP</td>
<td>American eel, striped bass, blue crab</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>blue crabs</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>blue crab</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
<tr>
<td>NORTHERN COASTAL WATERS</td>
<td>striped bass</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>all fish, shellfish and crustaceans</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td>LOWER DELAWARE RIVER &amp; BAY</td>
<td>American eel, striped bass, channel catfish</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>Channel catfish</td>
<td>do not eat more than once a week</td>
<td>do not eat</td>
</tr>
<tr>
<td></td>
<td>American white perch</td>
<td>do not eat</td>
<td>do not eat</td>
</tr>
</tbody>
</table>

* Selling any of these species from designated water bodies is prohibited in New Jersey.
* 1 High risk individuals include: infants, children under the age of 15, pregnant women, nursing mothers and women of childbearing age. They are advised not to eat any such fish or crabs taken from the designated regions since contaminant’s have a greater impact on the developing young.
* 2 No harvest means no taking or attempting to take any crabs from these waters.
* For species listed do not eat more that one 8-oz. meal per year.

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Christine Todd Whitman, Governor • Robert C. Shinn, Jr., Commissioner, NJ Dept. of Environmental Protection

May 2001 Edition
### NEW JERSEY Fish & Wildlife DIGEST

**Advisories on fish consumption can change to protect public health as new data are collected and reviewed by state and federal agencies. Also, these agencies on occasion offer different advice for fish consumption. New Jersey is working with other agencies and is committed to developing the most useful, consistent advice possible. For the latest information, call one of the numbers below.**

#### Table: Advisories on Fish Consumption

<table>
<thead>
<tr>
<th>Location</th>
<th>Advisories</th>
<th>Consumption Advisory</th>
</tr>
</thead>
<tbody>
<tr>
<td>Assunpink Creek</td>
<td>Bass</td>
<td>No restrictions</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>No restrictions</td>
</tr>
<tr>
<td>Atlantic City Reservoir</td>
<td>Bass</td>
<td>No restrictions</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>No restrictions</td>
</tr>
<tr>
<td>Big Timber Creek</td>
<td>Bass</td>
<td>No restrictions</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a week</td>
</tr>
<tr>
<td>Clinton Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once a week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a month</td>
</tr>
<tr>
<td>Cranberry Lake</td>
<td>Bass</td>
<td>Do not eat more than once a week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a month</td>
</tr>
<tr>
<td>Delaware River (Easton to Trenton)</td>
<td>Bass</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a month</td>
</tr>
<tr>
<td>Delaware River (Bridgeton to Salem)</td>
<td>Bass</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a month</td>
</tr>
<tr>
<td>Manasquan Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once a month</td>
</tr>
<tr>
<td>Merrill Creek Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Millstone Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once per month</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Monksville Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Mirror Lake</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Newark Bay Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Pinelands</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>PINELANDS</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Riviera Beach Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Shadow Lake</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Stafford Forge</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Wading River</td>
<td>Bass</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
<tr>
<td>Waretown Reservoir</td>
<td>Bass</td>
<td>Do not eat more than once week</td>
</tr>
<tr>
<td></td>
<td>Pickerel</td>
<td>Do not eat more than once month</td>
</tr>
</tbody>
</table>

**FOR MORE INFORMATION**

For background information, contact State and Local libraries for Administrative Code 7:25-14,18A.

**US Environmental Protection Agency**

http://www.epa.gov/ost/fish

**US Food and Drug Administration**

http://www.cfsan.fda.gov

http://www.fda.gov/ohrms/drr/SAFEFOOD.htm

**New Jersey Division of Fish & Wildlife**

http://www.state.nj.us/dep/fgw

**New Jersey Department of Health & Senior Services**

http://www.state.nj.us/health/eoh

**New Jersey Division of Natural Resources and Environmental Protection**

http://www.state.nj.us/dep/dparep/depdep/depdep.htm

**New Jersey Division of Fish & Wildlife**

http://www.state.nj.us/dep/fgw

**New Hampshire Department of Health & Human Services**

http://www Hem.gov/health/hlth.htm

**New York City Department of Environmental Protection**


**New York State Department of Health**

http://www.health.state.ny.us

**City of Philadelphia**

http://www.phila.gov/health

**Philadelphia Department of Environmental Protection**

http://www.dep.state.pa.us/dep/deputate/watermgt/wc/sut

**City of Allentown**

http://www.cityofallentown.org

**US Department of Agriculture, Food Safety and Inspection Service**

http://www.fsis.usda.gov

**US Food and Drug Administration, Consumer Protection and Border Defense (CPBD)**

http://www.fda.gov/ohrms/drr/FoodSafety.htm

**US Department of Health and Human Services, Food and Drug Administration**

http://www.fda.gov/ohrms/drr/FoodSafety.htm

**US Environmental Protection Agency**

http://www.epa.gov/ost/fish

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Boat Ramp Maintenance Permit
Any vehicle used to transport or launch a vessel or water conveyance on the following WMAs must have affixed to the lower corner of the driver’s side rear window a Boat Ramp Maintenance Permit or applicant’s copy from a valid hunting, fishing or trapping license. Boat Ramp Maintenance Permits may be purchased for a fee of $15.00 from division offices at the Pequest Trout Hatchery Natural Resource Education Center, Northern, Central and Southern Region, Nacote Creek, Bivalve, Tuckahoe, Lebanon and Trenton offices. Boat Ramp Maintenance Permits may also be purchased through the mail from N.J. Division of Fish and Wildlife, PO Box 400, Trenton, N.J. 08625, Att: Boat Ramp Permit.

1. Round Valley Angler Access 6. Mad Horse Creek
2. Kingwood 7. Union Lake
3. Assunpink 8. Menantico Ponds
4. Dennis Creek 9. Prospertown Lake
5. Tuckahoe

Clean Vessel Act Program
by John F. Makai, Supervising Biologist
In 1992, the Clean Vessel Act (CVA) was passed by Congress to help reduce pollution from vessel sewage discharges. Sewage from boats degrades coastal water quality leading to closure of shellfish beds and swimming areas. Organic matter in sewage is decomposed by bacteria which consume oxygen, resulting in less oxygen for fish and other aquatic animals.

Under U.S. Coast Guard regulations, if a boat has an installed toilet it will be required to have a certified Marine Sanitation Device (MSD). The sewage disposal system selected will depend on boat design, space configuration and electrical system. Any MSD selected must be certified by the U.S. Coast Guard.

Recreational boaters can select a treatment device, holding tank or a combination of the two. Equipment options include manual, electrical or vacuum toilets; pipes or hoses; and flexible or rigid tanks. Owners of smaller crafts can choose less costly portable toilets.

Direct discharge of untreated waste into waters within three miles of shore is prohibited, unless operating under a waiver granted by the U.S. Coast Guard. Sewage from holding tanks and portable toilets must be pumped out at shoreside marinas. To date, the Division has received 169 applications from marinas interested in receiving federal funds administered through the U.S. Fish and Wildlife Service, to install a pumpout station and/or dump station.

In addition to the 131 marinas that have completed construction, there are approximate-ly 40 more marinas coastwide that already provide sewage pumpout services. CVA participating marinas can charge a pumpout fee not to exceed $5.00 - a small price to pay for preserving the water quality of our estuaries. A single overboard discharge of human waste can be detected in up to a one square mile area of shallow, enclosed water and close shellfish beds to harvesting.

The Borough of Seaside Park again will be operating a sewage pumpout boat in Barnegat Bay. The “Circle of Life” will be available to pump out recreational boats - free of charge - Friday through Monday. During the 2001 boating season, recreational boaters took advantage of this service and prevented over 10,000 gallons of sewage from entering our coastal waterways. In addition, Monmouth County has successfully applied for and been granted approval to purchase New Jersey’s second mobile pumpout boat which will be operational this summer in the Navesink River. For a $5.00 fee, recreational boaters will be able to have their waste pumped out adjacent to the municipalities of Red Bank, Fair Haven, Rumson, Middletown, Sea Bright, Monmouth Beach, Oceanport, Little Silver and Long Branch. For information on the location of pumpout and/or dump stations in New Jersey waters, contact the Division of Fish and Wildlife’s Office of Information and Education at 609-748-2056 or the Marine Trades Association at 732-206-1400 or 1-800-ASK-FISH. Also, look for CVA information on the Internet at visit the division’s web site at: www.njfishandwildlife.com.

Did You Know?
The state tax revenues generated by recreational and commercial saltwater fishing combined in New Jersey could fund the average annual tuition for over 17,000 state residents to a public university in New Jersey.
ATVs with engine sizes of 70cc to 90cc are recommended for use only by those age 12 years and older and always with adult supervision. • ATVs with engines sizes of 90cc or greater are recommended for use only by those age 16 and older. • Yamaha recommends that all ATV riders take an approved training course. For safety and training information, see your dealer or call the ATV Safety Institute at 1-800-877-2887. • ATVs can be hazardous to operate. For your safety: Always avoid paved surfaces. Never ride on public roads. Always wear a helmet, eye protection and protective clothing; never carry passengers; never engage in stunt riding; riding and alcohol/drugs don’t mix; avoid excessive speed; and be particularly careful on difficult terrain.

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(856) 848-8500

Passaic
F.W. Speer Yamaha
7 Main Ave.
(973) 778-6256

E. Hanover
East Hanover Yamaha
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(973) 428-1735

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(732) 776-5514

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