

Appendix A

Leigh Bridges Memo, 1996

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MEMORANDUM

TO: Judy Perry, DEP Water Pollution Control
 FROM: W. Leigh Bridges, Assistant Director
 DATE: August 6, 1996
 RE: Update for Fish and Shellfish Spawning Periods

Upon request, the Division has reviewed and revised the received copy of the IMFS list of spawning periods for various marine fish and shellfish. The following list is to serve as a guidance document only:

Marine Species

1. Atlantic Sturgeon (anadromous)

upstream spawning migration	April - June
demersal eggs	
juveniles stay 3-5 years upstream	
adult out-migration	June - Nov

2. Blueback Herring (anadromous)

overall upstream spawning migration	April 15 - July 30
Charles River	Apr 15 - June 15
Merrimack River	May 15 - July 30
Conn. River	May 1 - July 15
demersal eggs	
seaward migration of juveniles	Fall
adults migrate to sea after spawning	

3. Alewife (anadromous)

upstream spawning migration	N of
Cape Cod (north)	Apr 1 - May 30
Cape Cod (south)	Mar 15 - June 15
Charles River	Apr 15 - June 15
Mystic River	Apr 15 - June 15

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Alewife cont.

spawning dependent on temp.
slightly demersal eggs, easily dislodged
downstream migration June 15 - Oct 1

4. American Shad (anadromous)
upstream spawning migration June and July
- | | |
|-----------------|------------------|
| Merrimack River | May 15 - July 30 |
| Charles River | May 15 - July 30 |
| Conn. River | May 1 - July 15 |

spawning is temperature dependent
demersal eggs

downstream migration late Sept - end Oct

5. Atlantic Menhaden
most spawning occurs offshore Dec - March
some spawning occurs inshore summer
buoyant eggs

6. Atlantic Herring
spawn offshore late Aug - Oct
spawning period is variable
demersal eggs

7. Striped Bass (anadromous)
upstream spawning migration June - early July
eggs semi-buoyant

8. Winter Flounder
New England
spawning and larval development Jan - June
- | | |
|-------------------|------------------|
| Boston Harbor | Feb 15 - June 15 |
| North of Cape Cod | Feb 1 - May 30 |
| South of Cape Cod | Jan 15 - May 30 |

9. Smelt (anadromous)
upstream spawning migration Mar 1 - mid May
- | | |
|-----------------------|-----------------|
| Charles River, Boston | Mar 1 - June 15 |
|-----------------------|-----------------|
- demersal eggs

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10. Atlantic Salmon (anadromous)
 upstream spawning migration Oct - early Nov
 upstream migration (no spawning) March - July 15
- Merrimack River Sept 1 - end Oct
 demersal eggs
 juvenile downstream migration Apr 1 - Jul 15
 (spend 2-3 years upriver)
11. White Perch (anadromous)
 upstream spawning migration: Mar - May
12. American Eels
 elver migration Mar 15 - June 15

Shellfish

13. Oyster
 spawning starts at approx. 20 degrees C June 15 - Sept 15
 sometimes spawning occurs twice in one year
14. Quahog
 spawning starts at approx. 20 degrees C June 15 - Sept 15
 sometimes spawning occurs twice in one year
15. Soft-shell Clam
 spawning starts at approx. 10 degrees C May - Oct
 sometimes spawning occurs twice in one year
16. Bay Scallop
 spawning starts at approx. 15 degrees C June - July

Crustacean

17. Lobster
 spawning periods:
 North of Cape Cod late May - end July
 East of Cape Cod late June - mid Aug
 South of Cape Cod mid May - early July
 mate during molting
 eggs carried 10-11 months
 eggs hatch, MA mid May - end July

Appendix B

Updated Leigh Bridges Memo, 2005

Fish and Shellfish Spawning Periods and TOY recommendations

Revised in 2005 from a 1996 memo from W. Leigh Bridges, Assistant Director

Marine Species

Fish

Shortnose Sturgeon (*Acipenser brevirostrum*)

Atlantic Sturgeon (*Acipenser oxyrinchus*) [anadromous]
upstream spawning migration April - June
demersal eggs
juveniles stay 3-5 years upstream
adult out-migration June - Nov

Blueback Herring (*Alosa aestivalis*)

[anadromous]
overall upstream spawning migration April 15 - July 30

Charles River Apr 15 - June 15
Merrimack River Apr 15 - June 30 (R.I.)
Conn. River May 1 - July 15

demersal eggs
seaward migration of juveniles Fall
adults migrate to sea after spawning

Alewife (*Alosa pseudoharengus*)

[anadromous]
upstream spawning migration N of

Cape Cod (north) Apr 1 - May 30
Cape Cod (south) Mar 15 - June 15
Charles River Apr 15 - June 15
Mystic River Apr 15 - June 15

spawning dependent on temp.
slightly demersal eggs, easily dislodged
downstream migration June 15 - Oct 1

American Shad (*Alosa sapidissima*)

[anadromous]
upstream spawning migration June and July
Merrimack River May 15 - June 30 (R.I.)
Charles River May 15 - July 30
Conn. River May 1 - July 15

spawning is temperature dependent
demersal eggs

downstream migration late Sept - end Oct

Atlantic Menhaden (*Brevoortia tyrannus*)

most spawning occurs offshore Dec - March
some spawning occurs inshore summer

buoyant eggs

Atlantic Herring (*Clupea harangus*)

spawn offshore late Aug - Oct
spawning period is variable

demersal eggs

Sea Lamprey (*Petronyzon marinus*)

Striped Bass (*Morone saxatilis*)

upstream spawning migration [anadromous]
eggs semi-buoyant June - early July

Winter Flounder (*Pseudopleuronectes americanas*)

New England
spawning and larval development Jan – June

RI Jan 15 – May 30

Juvenile settlement – intertidal - July
Boston Harbor & NS* Feb 15 - June 30 (B.C.)
North of Cape Cod Feb 1 - June 30
South of Cape Cod Jan 15 - May 31

* Inner Harbor/Mystic/Chelsea Crk Feb 15 – June 30
(juvenile development)

Smelt (*Osmerus mordax*)

[anadromous]

upstream spawning migration Mar 1 – May 31
in some embayments north of CC Feb 15 – mid May

Charles River, Boston Mar 1 - June 15
demersal eggs

Atlantic Salmon (*Salmo salar*)

[anadromous]

upstream spawning migration Oct - early Nov
upstream migration (no spawning) March - July 15
Merrimack River Sept 1 - end Oct

demersal eggs
juvenile downstream migration Apr 1 - Jul 15
(spend 2-3 years upriver)

White Perch (*Morone americana*) [anadromous]
upstream spawning migration Mar - May

American Eels (*Anguilla rostrata*)
elver migration Mar 15 - June 15

Shellfish

Razor Clam (*Ensis directus*) June 15 – Sept 15

American Oyster (*Crassostrea virginica*)

Surf Clam (*Spisule solidissima*) June 15 – Oct 15
European Oyster (*Ostrea edulis*)

spawning starts at approx. 20 degrees C June 15 - Sept 15
sometimes spawning occurs twice in one year

Ocean Quahog (*Arctica islandica*)

Quahog (*Mercenaria mercenaria*)

spawning starts at approx. 20 degrees C June 15 - Sept 15
sometimes spawning occurs twice in one year April- Oct Northshore

*Quahogs found in Quincy and Plum island sound but not much in the rest of NS

Soft-shell Clam (*Mya arenaria*)

spawning starts at approx. 10 degrees C May - Oct
sometimes spawning occurs twice in one year

*Spawning in Fore River in April and March in Gloucester depending on the year

Bay Scallop (*Argopecten irradians*)

spawning starts at approx. 15 degrees C June – July

Sea Scallop (*Plactopecten magellanicus*)

Blue mussel (*mytilus edulis*)

Sea Lamprey (*Petromyzon marinus*)

Crustacean

Lobster (*Homarus americanus*)

spawning periods:

North of Cape Cod

late May - end July

East of Cape Cod

late June - mid Aug

South of Cape Cod

mid May - early July

mate during molting

eggs carried 10-11 months

eggs hatch, MA

mid May - end July

Horseshoe crab (*Limulus polyphemus*)

May – July

May 1 – July 31 spawning at beaches and channels

Winter – overwinter buried in the seabed – unknown locations

Contacts

Northshore to Marshfield – Brad Chase (G)

Eels and Smelt – Brad Chase (G)

Anadromous – Phil Brady (P), Brad Chase (G), Mike Armstrong (G)

Shad – Kristen Ferry (G)

Horseshoe Crabs – Frank Germano (NB)

Marine Mammals, Turtles – Erin Burke (G, NB)

Lobster – Bob Glenn (P)

Striped Bass – Gary Nelson

Shellfish – Glen Casey (G)

Surf clam – Dave Whittaker (P)

Appendix C

Life History Table with TOYs

Common Name	Latin Name	Spawning Period	Spawning Period Peak	Spring TOY restriction	Fall TOY restriction	Spawning Habitat	Spawning Locations	Spawning Site Fidelity	Egg Type	Egg Incubation	Larvae/ Juvenile outmigration	Larvae/ Juvenile emigration Peak	Post-spawning adult emigration	Juvenile nursery habitat	Adult summer habitat	Population status	Federal ESA Status	State MESA Status
Anadromous																		
Alewife	<i>Alosa pseudoharengus</i>	Late-March to mid-June	May	April 1st - June 15th	no obstruction of passage during fall outmigration Sept. 1 - Nov. 15	freshwater lentic (can be found in lotic habitat)	System specific		semi-demersal	brief (2-5 days at 20-22 C)	July - November		few days-weeks	river-estuaries		In Decline-Moratorium	Species of Concern -2006	
Blueback herring	<i>Alosa aestivalis</i>	April to mid-June	May	April 1st - June 30th	no obstruction of passage during fall outmigration Sept. 1 - Nov. 15	freshwater lotic (can be found in lentic habitat)	System specific		semi-buoyant (adhesive)	brief (3-4 days at 20-21 C)	July - November		few days-weeks	river-estuaries		In Decline-Moratorium	Species of Concern -2006	conservation concern
American shad	<i>Alosa sapidissima</i>	Late-April to July	May/June	May 1st - July 15th (July 31 Merrimack River) ¹⁰		freshwater lotic	System specific		semi-buoyant	brief (6-8 days at 17 C)	July - November		few days	river-estuaries		Population in decline	NA	conservation concern
Atlantic tomcod	<i>Microgadus tomcod</i>	Late-Nov. through Feb. ^{3,5}	January ³	Feb. 15th - April 30th (spawning and post-hatch emigration)	NA	unspecified substrata at tidal interface	not known	not known	demersal/adhesive	24-30 days at 4-6 C ⁹ 52 days at 2-4 C ⁸	mid-Feb. through mid-April ^{5,7}	March ^{2,5,7}	one to several days	estuaries and embayments	coastal marine	not assessed	NA	
White perch	<i>Morone americana</i>	April through June ^{1,2}	data absent	April 1st - June 15th (spawning and post-hatch emigration)	NA	unspecified substrata near tidal interface ⁵	not known	not known	demersal/adhesive	2 days at 18.3 C ³ 6 days at 11.1 C ¹	approximately 2 weeks following hatch	present in June ⁴	not known	estuaries and embayments	coastal marine	not assessed	NA	
Rainbow smelt	<i>Osmerus mordax</i>	March through May ^{1-4,7}	April ^{1,4,7}	March 1st - May 31th (spawning and post-hatch emigration)	NA	freshwater riffle at or above tidal interface ¹	delineated on GOM coast ¹	not known	demersal/adhesive	7 - 21 days ^{8,9,11}	immediate passive movement to estuary	April 15th - May 30th	one to several days	estuaries and embayments	coastal marine	not assessed	Species of Concern - 2004	
Atlantic sturgeon	<i>Acipenser oxyrinchus</i>	Presently N/A in MA	Presently N/A in MA	April 1 - November 1		Presently N/A in MA; historically, solid substrate in oligohaline and tidal freshwater zones	Presently N/A in MA		benthic/adhesive	brief (4-7 days at 20-17.8 C)	N/A	N/A	Presently N/A in MA rivers	riverine and oceanic	coastal marine: Mass Bay and Cape Cod	State endangered	Status Review, <i>current</i> ; State Endangered	State Listed - endangered
Atlantic salmon	<i>Salmo salar</i>	April - July and Sept. - Oct.	May-June	adult upstream migration April 15 to July 15 - <i>general</i> May 1 to July 15 - <i>upstream/mainstem</i> April 15 to July 10 - <i>Estuary</i> .	adult upstream Sept. 15 to Oct. 31 - <i>upstream/mainstem</i> . Sept. 1 to Oct. 20 - <i>Estuary</i>	Present in ocean waters and the Connecticut and Merrimack River systems. Removed at Essex Dam and transported to hatchery for spawning. Mainstem cobble substrate for building redds. Currently no access to spawning habitat in MA.	Hatchery spawning - no known natural locations. Check again in 2011.	N/A			smolts - April 1 - July 15. Outmigrate after a few years. Smolts are also stocked as fry and hatcheries also release smolt	April and May	Presently N/A in MA. Adults held in hatchery. May be released into MA and NH waters with tags	Historical habitat and habitat of the currently stocked fry is in NH tributaries. Smolts stocked in MA downriver of Essex Dam.	Ocean or riverine	State endangered	Some New England DPS are endangered - frequently changing	
Common Name	Latin Name	Spring Glass Eel Run	Spring Glass Eel Run	Spring Glass Eel Run	Silver Eel Emigration	Spawning Habitat	Spawning Locations	Spawning Site Fidelity	Egg Type	Egg Incubation	Adult Emigration	Adult Emigration	Post-spawning adult emigration	Juvenile nursery habitat	Adult summer habitat	Population status	Federal ESA Status	State MESA Status
Catadromous																		
American eel	<i>Anguilla rostrata</i>	March through June ¹⁻³	May ¹⁻³	March 15th - June 30th	Sept. 15th - Oct. 31st note: Large projects with direct impacts may warrant protection into November	Sargasso Sea (marine pelagic)	NA	NA	NA	NA	Sept. through Nov. ^{2,5}	October ^{2,5}	NA	freshwater and estuaries	NA	not assessed	Candidate Species	conservation concern

Common Name	Latin Name	Spawning Period	Spawning Period Peak	Spring TOY restriction	Fall TOY restriction	Spawning Habitat	Spawning Locations	Spawning Site Fidelity	Egg Type	Egg Incubation	Larvae/ Juvenile outmigration	Larvae/ Juvenile emigration Peak	Post-spawning adult emigration	Juvenile nursery habitat	Adult summer habitat	Population status	Federal ESA Status	State MESA Status	
Other																			
Winter flounder	<i>Pseudopleuronectes americanus</i>	January through May/June <small>2,9,5,6,1,10,11</small>	February 15 to May 15 GOM, January 15 to April 15 SNE <small>2,9,5,6,4,8,10,11</small>	<i>North Shore and Boston Harbor - February 15 to June 30 Cape Cod, Buzzards Bay and the Islands - January 15 to May 31 ; Cape Cod Bay, MassBay and</i>	N/A	Shallow subtidal waters, 1.8 - 5.4 meters deep, in sheltered bays, estuaries and harbors, as well as open nearshore coastal waters ^{2,11,8,9}	Present in nearly all harbors, bays and coastal waters. ^{2,8,9,12}	Limited Seasonal movements and high degree of spawning site fidelity ^{2, 15}	adhesive and demersal egg ^{2,11,5,6}	15 - 18 Days at between 2.8 - 3.3 °C. ^{2,11}	N/A	N/A	SNE - Leave coastal embayments when waters warm before June. GOM - Present inshore year-round with a migration below the thermocline	SNE - Estuaries, various substrates (mostly fines), shallow subtidal to intertidal, adjacent to Eelgrass	SNE - Ocean, Nantucket Shoals and shelf waters south of the islands. GOM - Ocean / deeper channels and	Population in decline			
Shellfish and Arthropods																			
Soft-Shell Clam	<i>Mya arenaria</i>	March - April and June - July ¹		June 15 to September 15															
American oyster	<i>Crassostrea virginica</i>	July - August ²																	
Quahogs or hard clams	<i>Mercenaria mercenaria</i>	June - July					hard clams are primarily found on the south coast, Cape Cod and the islands												
Bay Scallop	<i>Argopecten irradians</i>	June - July ³					bay scallop are found on Cape cod, Buzzards Bay, and the islands												
Sea Scallop	<i>Placopecten megallanicus</i>	September - October ⁴					sea scallops are found off-shore on the outer cape and the north shore												
Suf clam	<i>Spisula solidissima</i>	Jul-Aug & Oct-Nov																	
Razor clam	<i>Ensis directus</i>	Jun-Sept ref?																	
Blue mussel	<i>Mytilus edulis</i>																		
Lobster	<i>Homarus americanus</i>		N of Cape: late May-end Jul; E of Cape: late Jun-mid-Aug; S of Cape: mid May-early Jul																
Horseshoe crab	<i>Limulus polyphemus</i>	May-July																	Population concerns
Notes:																			
Footnotes are numbered for each species. References are listed by species and number in companion documents.																			
* Recommended Spring TOY Window: is for spawning period and post-hatch emigration for tomcod, white perch and smelt; and for the upstream glass eel migration for eels.																			
NA = not applicable																			
With more information, it may be possible to distinguish between the major regions of Gulf of Maine coast and south of Cape Cod for some resources.																			

Appendix D
References for Life History Table

Atlantic Tomcod

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Appendix E

Waterbody Specific Recommendations: Finfish

Location			Finfish												
Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Sea-run trout	Tomcod
Buzzards Bay	Acushnet, Fairhaven, Ne	Acushnet river	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	Wareham	Agawam river	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15	3/1 to 5/31					4/1 to 6/15			
Buzzards Bay	Freetown	Assonet river	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31					4/1 to 6/15			
Buzzards Bay	n/a	Buzzards Bay									1/15 to 5/31				
Buzzards Bay	Mattapoisett	Mattapoisett River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31								
Buzzards Bay	New Bedford	Clarks Cove									1/15 to 5/31				
Buzzards Bay	Bourne	Bourne Pond Brook	4/1 to 6/15												
Buzzards Bay	Bourne	Monument River	4/1 to 6/15		4/1 to 6/30										
Buzzards Bay	Darmouth	Paskamansett River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	Bourne	Red Brook Harbor									1/15 to 5/31				
Buzzards Bay	Bourne	Red Brook	4/1 to 6/15	4/1 to 6/30											
Buzzards Bay	Wareham	Red Brook			4/1 to 6/30										
Buzzards Bay	Dartmouth	Slocums River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	Nashaun	Tarpaulin cove													
Buzzards Bay	Wareham	Weweantic River			4/1 to 6/30		3/1 to 5/31			2/15 to 4/30		4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	Wareham	Wankinko River			4/1 to 6/30								3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	W Falmouth	West Falmouth Harbor									1/15 to 5/31				
Buzzards Bay	Westport	Richmond Pond			4/1 to 6/30										
Buzzards Bay	Westport	Cockeast Pond			4/1 to 6/30							4/1 to 6/15			
Buzzards Bay	Westport	Westport River E. Branch			4/1 to 6/30		3/1 to 5/31			2/15 to 4/30		4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Buzzards Bay	Westport	Westport River W. Branch			4/1 to 6/30		3/1 to 5/31								
Cape Cod	Falmouth, Mashpee	Waquoit Bay									1/15 to 5/31				
Cape Cod	Harwich	Andrews River	4/1 to 6/15												
Cape Cod	Barnstable	Barnstable Harbor									1/15 to 5/31				
Cape Cod	Barnstable	Centerville River	4/1 to 6/15												
Cape Cod	Yarmouth	Bass River	4/1 to 6/15								1/15 to 5/31	4/1 to 6/15			
Cape Cod	Falmouth	Ceder Lake	4/1 to 6/15												
Cape Cod	Centerville	Centerville Harbor	4/1 to 6/15								1/15 to 5/31				
Cape Cod	Chatham	Chatham Harbor									1/15 to 5/31				
Cape Cod	Falmouth	Wild Harbor River	4/1 to 6/15												
Cape Cod	Falmouth	Oyester Pond	4/1 to 6/15									4/1 to 6/15			

Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Trout	Tomcod
Cape Cod	Falmouth	Mill Pond/ Green pond	4/1 to 6/15									4/1 to 6/15			
Cape Cod	Falmouth	Siders Pond	4/1 to 6/15												
Cape Cod	Falmouth	Flax Pond	4/1 to 6/15												
Cape Cod	Falmouth	Salt Pond	4/1 to 6/15												
Cape Cod	Falmouth	Herring Brook	4/1 to 6/15												
Cape Cod	Falmouth	Childs River	4/1 to 6/15									4/1 to 6/15			
Cape Cod	Falmouth	Coonamesett River	4/1 to 6/15	4/1 to 6/30								4/1 to 6/15			
Cape Cod	Falmouth	Quashnet River	4/1 to 6/15	4/1 to 6/30								4/1 to 6/15			
Cape Cod	Falmouth	Eel Pond									1/15 to 5/31				
Cape Cod	Chatham	Frostfish Creek	4/1 to 6/15												
Cape Cod	Harwich	Herring River	4/1 to 6/15	4/1 to 6/30									3/15 to 6/30 and 9/15 to 10/31		
Cape Cod	Yarmouth	Lewis Bay									1/15 to 5/31				
Cape Cod	Barnstable	Marston Mills River	4/1 to 6/15	4/1 to 6/30											
Cape Cod	Mashpee	Mashpee River	4/1 to 6/15	4/1 to 6/30								4/1 to 6/15			
Cape Cod	Mashpee	Long pond	4/1 to 6/15	4/1 to 6/30											
Cape Cod	Mashpee	Santuit	4/1 to 6/15	4/1 to 6/30								4/1 to 6/15			
Cape Cod	Barnstable	Mill Creek	4/1 to 6/15												
Cape Cod	Barnstable	Skunknett River	4/1 to 6/15												
Cape Cod	Barnstable	Lake Elizabeth/ Red Lily Pond	4/1 to 6/15												
Cape Cod	Yarmouth	Mill Pond	4/1 to 6/15												
Cape Cod	Chatham	Muddy creek	4/1 to 6/15										3/15 to 6/30 and 9/15 to 10/31		
Cape Cod	Orleans	Rock Harbor	4/1 to 6/15									4/1 to 6/15			
Cape Cod	Chatham	Ryders Cove													
Cape Cod	Falmouth	Trunk River													
Cape Cod	Wellfleet	Wellfleet Harbor									2/1 to 6/30				
Cape Cod	Falmouth	Woods Hole													
Cape Cod Bay	n/a	Cape Cod Bay & CCBDS													
Cape Cod Bay	Wellfleet	Herring River	4/1 to 6/15	4/1 to 6/30							2/1 to 6/30	4/1 to 6/15			
Cape Cod Bay	Sandwich	Mill Creek	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15						4/1 to 6/15			
Cape Cod Bay	Dennis/ Yarmouth	Parkers River	4/1 to 6/15								2/1 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Cape Cod Bay	Truro	Pamet river	4/1 to 6/15	4/1 to 6/30							2/1 to 6/30				

Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Trout	Tomcod
Cape Cod Bay	Barnstable	Santuit River	4/1 to 6/15	4/1 to 6/30								4/1 to 6/15			
Charles	Cambridge	Alewife Brook													
Charles	Watertown, Cambridge, Boston	Charles River	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30	5/1 to 7/15	3/1 to 5/31			2/15 to 4/30		4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Charles	Boston	Fort Point Channel									2/15 to 6/30				
Charles and Mystic	Boston	Boston Harbor									2/15 to 6/30				
Charles and Mystic	Boston	Muddy River	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30	5/1 to 7/15							3/15 to 6/30 and 9/15 to 10/31		
Ipswich	Ipswich	Egypt River			4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Ipswich	Ipswich	Ipswich River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Islands	Edgartown	Edgartown Harbor									2/1 to 6/30				
Islands	Aquinnah	Gay head herring creek			4/1 to 6/30										
Islands	Nantucket	Hither Creek			4/1 to 6/30										
Islands	Oak Bluffs	Logoon pond			4/1 to 6/30						1/15 to 5/31				
Islands	Marthas Vineyard	Lake Tashmoo	4/1 to 6/15								1/15 to 5/31				
Islands	Marthas Vineyard	Menemsha Pond			4/1 to 6/30						1/15 to 5/31	4/1 to 6/15			
Merrimack	Amesbury	Powow River	4/1 to 6/15	4/1 to 6/30									3/15 to 6/30 and 9/15 to 10/31		
Merrimack	Amesbury	Back River		4/1 to 6/30											
Merrimack	Lawrence, Methuen	Spickett River				5/1 to 7/15									
Merrimack River	Amesbury, Lawrence	Merrimack River	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15	3/1 to 5/31	5/1 to 7/15	4/1 to 6/1			4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Merrimack - Shawsheen	wilmington, Bedford, Billerica	Shawsheen River	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15		5/1 to 7/15	4/1 to 6/1						
Merrimack River	Newburyport, Salisbury,	Merrimack River Estuary	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31	5/1 to 7/15			2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Mystic	Chelsea	Chelsea River	4/1 to 6/15				3/1 to 5/31				2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
Mystic	Boston	Winthrop Harbor								2/15 to 4/30	2/15 to 6/30				
Mystic	Boston, Chelsea, Everett	Mystic River	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15					2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Narragansett Bay	Seekonk, Attleborough, Plainville	Ten Mile river			4/1 to 6/30	5/1 to 7/15					1/15 to 5/31	4/1 to 6/15			
Narragansett Bay	Rehoboth	Palmer River			4/1 to 6/30	5/1 to 7/15	3/1 to 5/31				1/15 to 5/31	4/1 to 6/15			
Narragansett Bay	Swansea, Rehoboth	Rocky Run			4/1 to 6/30		3/1 to 5/31								
Narragansett Bay	Seekonk	Runnins River			4/1 to 6/30	5/1 to 7/15									
Narragansett Bay	Swansea, Dighton	Cole River			4/1 to 6/30		3/1 to 5/31					4/1 to 6/15			
Neponset	Milton	Gulliver Creek					3/1 to 5/31				2/15 to 6/30				
Neponset	Milton	Neponset river	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30	5/1 to 7/15	3/1 to 5/31				2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Neponset and Charles	Dorchester	Dorchester Bay									2/15 to 6/30				

Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Trout	Tomcod
North Coastal	Danvers	Crane River			4/1 to 6/30		3/1 to 5/31								
North Coastal	Gloucester	Alewife Brook			not known										
North Coastal	Gloucester	Annisquam River									2/15 to 6/30				
North Coastal	Manchester	Bennet Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Beverly	Beverly Harbor									2/15 to 6/30				
North Coastal	Essex	Chebacco Brook													
North Coastal	Beverly, Manchester	Chubb Creek					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Billerica, Carlisle, Bedford, Concord	Concord River	4/1 to 6/15	4/1 to 6/30											
North Coastal	Danvers	Danvers river			4/1 to 6/30								3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Essex and Gloucester	Essex Bay	4/1 to 6/15	4/1 to 6/30							2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Essex, Hamilton	Essex River/Alewife Brook	4/1 to 6/15		4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Gloucester	Gloucester Harbor	4/1 to 6/15	4/1 to 6/30						2/15 to 4/30	2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Gloucester	Little River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Marblehead	Marblehead Harbor									2/15 to 6/30				
North Coastal	Rockport	Mill Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Salem	North River			4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31	4/1 to 6/15	
North Coastal	Danvers	Porter River					3/1 to 5/31								
North Coastal	Salem	Salem Harbor									2/15 to 6/30				
North Coastal	Salem- Beverly	Beverly-Salem Harbor		4/1 to 6/30						2/15 to 4/30	2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Salem	Forest River													
North Coastal	Saugus	Saugus River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Manchester	Sawmill Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Rockport	Sawmill Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
North Coastal	Saugus	Shute Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Parker	Rowley	Mill River		4/1 to 6/30	4/1 to 6/30	5/1 to 7/15	3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Parker	Newbury, Rowly, Ipswich	Plum Island Sound	4/1 to 6/15	4/1 to 6/30							2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
Parker	Rowley	Rowley River			4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Parker	Newbury	Parker River ACEC	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31				2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Parker	Rowley	Ox Pasture Brook					3/1 to 5/31								

Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Trout	Tomcod
South Coastal	Cohasset	Bound Brook	4/1 to 6/15				3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Cohasset	Cohasset Harbor									2/15 to 6/30				
South Coastal	Duxbury	Duxbury Bay									2/15 to 6/30				
South Coastal	Plymouth	Eel River	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31			2/15 to 4/30			3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Scituate/ Norwell	First Herring River	4/1 to 6/15				3/1 to 5/31				2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Kingston	Halls Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Eastham, Pembroke, Har	Herring brook	4/1 to 6/15	4/1 to 6/30											
South Coastal	Eastham	Herring River	4/1 to 6/15												
South Coastal	Duxbury	Island Creek			4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Pembroke	Indian Head River	4/1 to 6/15	4/1 to 6/30		5/1 to 7/15						4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Duxbury	Island Creek													
South Coastal	Kingston	Jones River	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30	5/1 to 7/15	3/1 to 5/31			2/15 to 4/30		4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Scituate, Marshfield	North River	4/1 to 6/15		4/1 to 6/30	5/1 to 7/15	3/1 to 5/31			2/15 to 4/30	2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Plymouth	Plymouth long Beach													
South Coastal	Scituate	Satuit Brook					3/1 to 5/31								
South Coastal	Kingston	Smelt Brook					3/1 to 5/31								
South Coastal	Marshfield	South River			4/1 to 6/30	5/1 to 7/15	3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
South Coastal	Cohasset, Hull	Straits Pond			4/1 to 6/30										
South Coastal	Plymouth	Town Brook	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30		3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Taunton	E. Bridgewater	Satucket River			4/1 to 6/30										
Taunton	W. Bridgewater	Town river			4/1 to 6/30										
Taunton	Middleborough	Fall Brook			4/1 to 6/30										
Taunton	Somerset, freetown, Dig	Taunton river	4/1 to 6/15	4/15 to 7/30#		5/1 to 7/15	3/1 to 5/31		4/1 to 6/1			4/1 to 6/15			
Taunton	Dighton	Three mile river			4/1 to 6/30										
Weimouth and Weir	Boston, Quincy, Dorches	Dorchester Bay									2/15 to 6/30				
Weimouth and Weir	Hingham	Broad cove													
Weimouth and Weir	Hingham	Hingham Bay	4/1 to 6/15	4/1 to 6/30						2/15 to 6/30			3/15 to 6/30 and 9/15 to 10/31		
Western Mass	n/a	Connecticut River		4/1 to 6/30		5/1 to 7/15			4/1 to 6/1						
Weymouth and Weir	Quincy	Town Brook					3/1 to 5/31								
Weymouth and Weir	Hingham	Accord Brook			4/1 to 6/30										
Weymouth and Weir	Weymouth	Back River	4/1 to 6/15	4/1 to 6/30	4/1 to 6/30		3/1 to 5/31					4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Weymouth	Dump Creek					3/1 to 5/31								

Watershed	Town (s)	Waterbody Name	Alewife	Blueback	River Herring (general)	Shad	Rainbow Smelt*	Salmon	Sturgeon	Tomcod	Winter Flounder	White Perch	Amer. Eel	Trout	Tomcod
Weymouth and Weir	Braintree	Fore River / Monataquot	4/1 to 6/15	4/1 to 6/30			3/1 to 5/31			2/15 to 4/30	2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Hingham	Fresh River					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Hingham	Fulling Mill Brook			4/1 to 6/30										
Weymouth and Weir	Quincy	Furnace Brook					3/1 to 5/31						3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Hingham	Hingham Harbor													
Weymouth and Weir	Weymouth	Mill Cove Creek					3/1 to 5/31								
Weymouth and Weir	Quincy	Quincy Bay	4/1 to 6/15	4/1 to 6/30						2/15 to 4/30	2/15 to 6/30		3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Weymouth, Braintree	Smelt Brook					3/1 to 5/31								
Weymouth and Weir	Hingham	Town Brook					3/1 to 5/31								
Weymouth and Weir	Quincy	Town River					3/1 to 5/31				2/15 to 6/30				
Weymouth and Weir	Hingham	Turkey River					3/1 to 5/31								
Weymouth and Weir	Hull, Hingham	Weir River			4/1 to 6/30		3/1 to 5/31			2/15 to 4/30		4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Weymouth	Weymouth Back River ACEC	4/1 to 6/15		4/1 to 6/30		3/1 to 5/31				2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		
Weymouth and Weir	Weymouth	Weymouth Fore River					3/1 to 5/31			2/15 to 4/30	2/15 to 6/30	4/1 to 6/15	3/15 to 6/30 and 9/15 to 10/31		

Note: This table is meant to be a guide and not the final source for TOY or presence of species in any given water body. These data are based on existing professional knowledge and represent confirmed presence of species in the given water body. The blank spaces do not indicate absence. In many cases we may expect a species to be present in a river system that has not been investigated and may not be represented here in this table.

Appendix F

Waterbody Specific Recommendations: Shellfish and Others

Location		Shellfish & Arthropods								Mammals & Others		
Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles	
Buzzards Bay	Acushnet, Fairhaven, Ne	Acushnet river										
Buzzards Bay	Wareham	Agawam river										
Buzzards Bay	Freetown	Assonet river										
Buzzards Bay	n/a	Buzzards Bay							CATCH ALL DATE			
Buzzards Bay	Mattapoisett	Mattapoisett River	CATCH ALL DATE IS JUNE 15 TO SEPT 15 BUT CAN BE APRIL TO OCTOBER							IS MAY 1 to JULY 31		
Buzzards Bay	New Bedford	Clarks Cove										
Buzzards Bay	Bourne	Bourne Pond Brook										
Buzzards Bay	Bourne	Monument River										
Buzzards Bay	Darmouth	Paskamansett River										
Buzzards Bay	Bourne	Red Brook Harbor										
Buzzards Bay	Bourne	Red Brook										
Buzzards Bay	Wareham	Red Brook										
Buzzards Bay	Dartmouth	Slocums River										
Buzzards Bay	Nashaun	Tarpaulin cove										
Buzzards Bay	Wareham	Weweantic River										
Buzzards Bay	Wareham	Wankinko River										
Buzzards Bay	W Falmouth	West Falmouth Harbor										
Buzzards Bay	Westport	Richmond Pond										
Buzzards Bay	Westport	Cockeast Pond										
Buzzards Bay	Westport	Westport River E. Branch										
Buzzards Bay	Westport	Westport River W. Branch										
Cape Cod	Falmouth, Mashpee	Waquoit Bay										
Cape Cod	Harwich	Andrews River										
Cape Cod	Barnstable	Barnstable Harbor										
Cape Cod	Barnstable	Centerville River										
Cape Cod	Yarmouth	Bass River										
Cape Cod	Falmouth	Ceder Lake										
Cape Cod	Centerville	Centerville Harbor										
Cape Cod	Chatham	Chatham Harbor										
Cape Cod	Falmouth	Wild Harbor River										
Cape Cod	Falmouth	Oyester Pond										

Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles
Cape Cod	Falmouth	Mill Pond/ Green pond									
Cape Cod	Falmouth	Siders Pond									
Cape Cod	Falmouth	Flax Pond									
Cape Cod	Falmouth	Salt Pond									
Cape Cod	Falmouth	Herring Brook									
Cape Cod	Falmouth	Childs River									
Cape Cod	Falmouth	Coonamesett River									
Cape Cod	Falmouth	Quashnet River									
Cape Cod	Falmouth	Eel Pond									
Cape Cod	Chatham	Frostfish Creek									
Cape Cod	Harwich	Herring River									
Cape Cod	Yarmouth	Lewis Bay									
Cape Cod	Barnstable	Marston Mills River									
Cape Cod	Mashpee	Mashpee River									
Cape Cod	Mashpee	Long pond									
Cape Cod	Mashpee	Santuit									
Cape Cod	Barnstable	Mill Creek									
Cape Cod	Barnstable	Skunknett River									
Cape Cod	Barnstable	Lake Elizabeth/ Red Lily Pond									
Cape Cod	Yarmouth	Mill Pond									
Cape Cod	Chatham	Muddy creek									
Cape Cod	Orleans	Rock Harbor									
Cape Cod	Chatham	Ryders Cove									
Cape Cod	Falmouth	Trunk River									
Cape Cod	Wellfleet	Wellfleet Harbor									
Cape Cod	Falmouth	Woods Hole									
Cape Cod Bay	n/a	Cape Cod Bay & CCBDS								1/1 to 5/15	
Cape Cod Bay	Wellfleet	Herring River									
Cape Cod Bay	Sandwich	Mill Creek									
Cape Cod Bay	Dennis/ Yarmouth	Parkers River									
Cape Cod Bay	Truro	Pamet river									

Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles
Cape Cod Bay	Barnstable	Santuit River									
Charles	Cambridge	Alewife Brook									
Charles	Watertown, Cambridge, Boston	Charles River									
Charles	Boston	Fort Point Channel									
Charles and Mystic	Boston	Boston Harbor									
Charles and Mystic	Boston	Muddy River									
Ipswich	Ipswich	Egypt River									
Ipswich	Ipswich	Ipswich River									
Islands	Edgartown	Edgartown Harbor									
Islands	Aquinnah	Gay head herring creek									
Islands	Nantucket	Hither Creek									
Islands	Oak Bluffs	Lagoon pond									
Islands	Marthas Vineyard	Lake Tashmoo									
Islands	Marthas Vineyard	Menemsha Pond									
Merrimack	Amesbury	Powow River									
Merrimack	Amesbury	Back River									
Merrimack	Lawrence, Methuen	Spickett River									
Merrimack River	Amesbury, Lawrence	Merrimack River									
Merrimack -Shawsheen	wilmington, Bedford, Billerica	Shawsheen River									
Merrimack River	Newburyport, Salisbury,	Merrimack River Estuary									
Mystic	Chelsea	Chelsea River									
Mystic	Boston	Winthrop Harbor									
Mystic	Boston, Chelsea, Everett	Mystic River									
Narragansett Bay	Seekonk, Attleborough, Plainville	Ten Mile river									
Narragansett Bay	Rehoboth	Palmer River									
Narragansett Bay	Swansea, Rehoboth	Rocky Run									
Narragansett Bay	Seekonk	Runnins River									
Narragansett Bay	Swansea, Dighton	Cole River									
Neponset	Milton	Gulliver Creek									
Neponset	Milton	Neponset river									
Neponset and Charles	Dorchester	Dorchester Bay									

Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles
North Coastal	Danvers	Crane River									
North Coastal	Gloucester	Alewife Brook									
North Coastal	Gloucester	Annisquam River									
North Coastal	Manchester	Bennet Brook									
North Coastal	Beverly	Beverly Harbor									
North Coastal	Essex	Chebacco Brook									
North Coastal	Beverly, Manchester	Chubb Creek									
North Coastal	Billerica, Carlisle, Bedford, Concord	Concord River									
North Coastal	Danvers	Danvers river									
North Coastal	Essex and Gloucester	Essex Bay									
North Coastal	Essex, Hamilton	Essex River/Alewife Brook									
North Coastal	Gloucester	Gloucester Harbor									
North Coastal	Gloucester	Little River									
North Coastal	Marblehead	Marblehead Harbor									
North Coastal	Rockport	Mill Brook									
North Coastal	Salem	North River									
North Coastal	Danvers	Porter River									
North Coastal	Salem	Salem Harbor									
North Coastal	Salem- Beverly	Beverly-Salem Harbor									
North Coastal	Salem	Forest River									
North Coastal	Saugus	Saugus River									
North Coastal	Manchester	Sawmill Brook									
North Coastal	Rockport	Sawmill Brook									
North Coastal	Saugus	Shute Brook									
Parker	Rowley	Mill River									
Parker	Newbury, Rowly, Ipswich	Plum Island Sound									
Parker	Rowley	Rowley River									
Parker	Newbury	Parker River ACEC									
Parker	Rowley	Ox Pasture Brook									

Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles
South Coastal	Cohasset	Bound Brook									
South Coastal	Cohasset	Cohasset Harbor									
South Coastal	Duxbury	Duxbury Bay									
South Coastal	Plymouth	Eel River									
South Coastal	Scituate/ Norwell	First Herring River									
South Coastal	Kingston	Halls Brook									
South Coastal	Eastham, Pembroke, Har	Herring brook									
South Coastal	Eastham	Herring River									
South Coastal	Duxbury	Island Creek									
South Coastal	Pembroke	Indian Head River									
South Coastal	Duxbury	Island Creek									
South Coastal	Kingston	Jones River									
South Coastal	Scituate, Marshfield	North River									
South Coastal	Plymouth	Plymouth long Beach									
South Coastal	Scituate	Satuit Brook									
South Coastal	Kingston	Smelt Brook									
South Coastal	Marshfield	South River									
South Coastal	Cohasset, Hull	Straits Pond									
South Coastal	Plymouth	Town Brook									
Taunton	E. Bridgewater	Satucket River									
Taunton	W. Bridgewater	Town river									
Taunton	Middleborough	Fall Brook									
Taunton	Somersett, freetown, Dig	Taunton river									
Taunton	Dighton	Three mile river									
Weimouth and Weir	Boston, Quincy, Dorches	Dorchester Bay									
Weimouth and Weir	Hingham	Broad cove									
Weimouth and Weir	Hingham	Hingham Bay									
Western Mass	n/a	Connecticut River									
Weymouth and Weir	Quincy	Town Brook									
Weymouth and Weir	Hingham	Accord Brook									
Weymouth and Weir	Weymouth	Back River									
Weymouth and Weir	Weymouth	Dump Creek									

Watershed	Town (s)	Waterbody Name	Bay Scallop	Soft Shell Clam	Surf Clams	Quahogs	Oyster	Lobster	Horseshoe Crab	Right Whales	Marine Turtles
Weymouth and Weir	Braintree	Fore River / Monataquot									
Weymouth and Weir	Hingham	Fresh River									
Weymouth and Weir	Hingham	Fulling Mill Brook									
Weymouth and Weir	Quincy	Furnace Brook									
Weymouth and Weir	Hingham	Hingham Harbor									
Weymouth and Weir	Weymouth	Mill Cove Creek									
Weymouth and Weir	Quincy	Quincy Bay									
Weymouth and Weir	Weymouth, Braintree	Smelt Brook									
Weymouth and Weir	Hingham	Town Brook									
Weymouth and Weir	Quincy	Town River									
Weymouth and Weir	Hingham	Turkey River									
Weymouth and Weir	Hull, Hingham	Weir River									
Weymouth and Weir	Weymouth	Weymouth Back River ACEC									
Weymouth and Weir	Weymouth	Weymouth Fore River									

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