

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | NDS/NBS | MAINE | | 19 91 | | 19 92 | | 19 93 | | 19 94 | |
|--------------------------|-------------|--------|------------|------------|-----------|-------|---------|-------|-----------|-------|-----------|-------|-----------|
| | | | 1984-86 | 1988- 1990 | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD |
| ANDROSCOGGIN LAKE | | | | | | | | | | | | | |
| Wayne | bn trout | f | | | | | | | | | | | |
| | bass | f | | | | | | | | | | | |
| | w perch | | | | | | | | | | | | |
| | sucker | w/f | | | | | | | | | | | |
| POCASSET LAKE | | | | | | | | | | | | | |
| Wayne | bass | | | | | | | | | | | | |
| | SMB comp | | | | | | | | | | | | |
| | WHP comp | | | | | | | | | | | | |
| ANDROSCOGGIN R | | | | | | | | | | | | | |
| Gilead | rb trout | | | | | | | | | | | | |
| | bn trout | | | | | | | | | | | | |
| | juv bass | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | |
| Rumford | sucker | w | 1.8f/6.5w | | | | | | | | | | |
| | bass | f | | | | 1.4 | 2.3-2.8 | 0.6 | 1.0-1.2 | 2.9 | 4.5-5.4 | 3.8 | 5.7-6.2 |
| | juv bass | | | | | | | | | | | | |
| Riley | sucker | w | | | | | | 3.0 | 7.4-8.0 | 5.8 | 13.6-14.6 | 4.0 | 11.4-11.9 |
| | bass | | | | | | | | | | | | |
| Jay | sucker | w | <2.1f/13w | | | | | | | | | | |
| | bass | f | | 17.6 | 24.0-29.1 | | | 1.2 | 1.9-2.3 | 1.4 | 1.8-2.2 | 1.6 | 2.2-2.8 |
| Livermore Falls | sucker | w | | | | | | 5.4 | 12.9-13.9 | 4.5 | 10.9-11.8 | 4.7 | 11.5-12.3 |
| | bass | f | | | | | | 2.4 | 3.1-3.3 | 1.1 | 1.4-1.5 | 1.4 | 1.6-2.3 |
| | sucker | w | | | | | | | | 3.8 | 7.4-8.0 | 3.6 | 4.8-5.3 |
| | sucker comp | | | | | | | | | | | | |
| Livermore ALF | bass | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| N Turner | sucker | w | 6.2f/30w | | | | | | | | | | |
| Auburn-GIP | bass | f | 3.7f/24w | | | | | | | 1.7 | 2.6-2.8 | 1.2 | 1.8-1.9 |
| | lm bass | f | | | | | | | | 1.1 | 1.6-1.8 | | |
| | sucker | w | 8.3f/29w | | | | | | | 5.6 | 14.3-15.4 | 3.7 | 9.0-9.8 |
| | bullhead | w | 7.8f/29.6w | | | | | | | | | 2.1 | 3.0-3.3 |
| Lisbon Falls | bn trout | f | | 5.3 | 6.5-6.9 | | | | | | | | |
| | bass | f | | 4.5 | 5.5-5.8 | | | 0.7 | 1.0 | 1.2 | 1.7-1.8 | 0.6 | 0.8-1.7 |
| | sucker | w | 5.1f/12w | | | | | 3.4 | 8.1-8.7 | 2.7 | 6.1-6.6 | 2.4 | 5.8-6.2 |
| Brunswick | sucker | w | 19.0 | | | | | | | | | | |
| | carp | f | 11.0 | | | | | | | | | | |
| BEARCE LAKE | | | | | | | | | | | | | |
| Baring | pickerel | f | <0.1 | | | | | | | | | | |
| BRAVE BOAT HARBOR | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | NDS/NBS | MAINE | | 19 91 | | 19 92 | | 19 93 | | 19 94 | |
|-------------------|----------|--------|------------|------------|-----------|-------|---------|-------|----------|-------|-----------|-------|-----------|
| | | | 1984-86 | 1988- 1990 | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| Kittery | lobster | m | | | | | | | | | | <0.1 | <0.1-1.2 |
| | lobster | t | | | | | | | | | | 1.3 | 9.7-11.5 |
| BROOKLYN | lobster | m | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | |
| COREA | lobster | t | | | | | | | | | | | |
| JONES CREEK | | | | | | | | | | | | | |
| Scarborough | clam | m | | | | | | <0.1 | <0.1-0.3 | | | | |
| KENNEBEC R | | | | | | | | | | | | | |
| Madison | bn trout | f | | | | | | | | | | | |
| | bass | f | | | | | | <0.1 | <0.1-0.1 | | | | |
| Norridgewock | sucker | w | | | | | | 0.1 | 0.3 | | | | |
| | bass | | | | | | | | | | | | |
| Fairfield | bn trout | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| Fairfield | bass | f | | | | 1.4 | 1.6-1.7 | 0.6 | 0.6-0.7 | 1.5 | 1.7-2.0 | 0.9 | 1.1-1.8 |
| | trout | f | | 6.2 | 6.9-8.0 | | | 1.4 | 1.6-1.8 | 1.4 | 1.6-1.9 | 2.2 | 2.5-3.8 |
| Sidney | sucker | w | 6.4 | 10.3 | 16.8-18.1 | | | 2.0 | 3.1-3.3 | 1.6 | 2.2-2.6 | 2.2 | 2.9-3.8 |
| | bass | f | 20.3w | | | 1.0 | 1.4-2.4 | 0.4 | 0.6-1.0 | 0.6 | 0.8-1.4 | 0.3 | 0.4-1.3 |
| | bn trout | | | | | | | | | | | | |
| | sucker | w | 1.2f/11.4w | | | | | 2.7 | 4.4-4.8 | 1.5 | 2.5-2.7 | 2.3 | 3.0-4.0 |
| Augusta | bn trout | f | | 2.2 | 2.9-4.9 | | | 1.9 | 2.5-4.3 | | | | |
| | bass | f | | | | | | 0.4 | 0.6-1.0 | 0.6 | 0.9-1.5 | 1.0 | 1.3-3.7 |
| Hallowell | sucker | w | | 5.0 | 7.3-8.4 | | | 1.5 | 2.6-2.8 | 1.9 | 3.3-3.6 | 2.3 | 4.0-5.8 |
| | smelt | c | | | | | | 0.2 | 0.5-0.8 | | | | |
| Gardiner | bass | | | | | | | | | | | | |
| | eel | f | | | | | | | | 0.6 | 0.8-1.4 | | |
| Richmond | bass | | | | | | | | | | | | |
| | clam | m | | | | | | 0.3 | 0.6-0.9 | | | | |
| Phippsburg | lobster | m | | | | | | | | 0.2 | 0.3-1.2 | <0.1 | <0.1-1.6 |
| | lobster | t | | | | | | | | 7.9 | 27.5-27.6 | 6.5 | 23.4-26.6 |
| MESSALONSKEE LAKE | | | | | | | | | | | | | |
| Belgrade | bass | | | | | | | <<0.1 | <0.1-0.3 | | | | |
| NARRAGUAGUS R | | | | | | | | | | | | | |
| Cherryfield | fallfish | w | <1.0 | | | | | | | | | | |
| NORTH POND | | | | | | | | | | | | | |
| Chesterfield | sucker | w | 0.4 | | | | | | | | | | |
| | pickerel | f | <0.1 | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | NDS/NBS | MAINE | | 19 91 | | 19 92 | | 19 93 | | 19 94 | |
|-----------------|----------|--------|-----------|------------|-----------|-------|----------|---------|---------|-------|-----------|-------|-----------|
| | | | 1984-86 | 1988- 1990 | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD |
| PENOBSCOT R | | | | | | | | | | | | | |
| E Br Grindstone | bass | f | | <0.1 | <0.1-0.2 | | | | | | | | |
| | sucker | w | | <0.4 | <0.1-0.6 | | | | | | | | |
| E Millinocket | bass | f | | <0.2 | 0.4-0.8 | | | | | | | | |
| | sucker | w | | 0.7 | 3.6-4.2 | | | | | | | | |
| Woodville | bass | | | | | | | | | | | | |
| Winn | sucker | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | |
| N Lincoln | bass | f | | <0.4 | 0.2-0.8 | | | | | | | | |
| | sucker | w | | <0.5-20.8 | 2.0-41.6 | | | | | | | | |
| S Lincoln | bass | f | 5.0 | 1.7 | 2.3-2.7 | 0.9 | 1.2-1.3 | 0.7 | 1.0-1.2 | 1.2 | 1.6-1.8 | 0.4 | 0.4-1.7 |
| | sucker | w | | 37.0 | 66.4-67.2 | | | 3.3 | 6.8 | 1.7 | 3.5-3.6 | 2.2 | 5.8-6.1 |
| Passadumkeag | bass | f | | 1.8 | 2.9 | | | | | | | | |
| | sucker | w | | 2.8 | 7.6-7.7 | | | | | | | | |
| Milford | bass | f | | 0.9 | 1.4-1.7 | | | 0.3 | 0.4-0.5 | | | | |
| | sucker | w | | 9.7 | 19.9-20.1 | | | 2.2 | 4.6 | | | | |
| Veazie | bass | f | 4.6w | 1.9 | 2.4-2.6 | 1.2 | 1.5-1.7 | 0.4 | 0.6 | 0.6 | 0.8-1.0 | 0.2 | 0.2-1.3 |
| | sucker | w | 2.6f/7.6w | 5.9 | 9.8-9.9 | 2.5 | 4.9-5.0 | 2.2 | 4.8-4.9 | 1.1 | 2.7-3.0 | 0.6 | 1.6-2.8 |
| Bangor | eel | f | | | | | | | | 1.0 | 1.1-1.2 | | |
| Bucksport | clam | m | | | | | | 0.1 | 0.8-0.9 | | | | |
| Stockton Spring | lobster | m | | | | | | | | 0.1 | 0.3-1.1 | <0.1 | 0.1-1.0 |
| | lobster | t | | | | | | | | 4.0 | 28.0 | 2.3 | 18.1-27.9 |
| OWLS HEAD | mussel | m | <0.8 | | | | | | | | | | |
| PISCATAQUIS R | | | | | | | | | | | | | |
| Sangerville | bass | f | | | | <0.2 | <0.1-0.3 | | | | | | |
| | bn trout | f | | | | <0.4 | <0.1-0.4 | | | | | | |
| | sucker | w | | | | 0.26 | 0.6-0.7 | | | | | | |
| Howland | bass | f | | <0.2 | <0.1-0.6 | | | | | | | | |
| PRESUMPCOT R | | | | | | | | | | | | | |
| Windham | bass | f | | | | | | | | <0.1 | <0.1-0.3 | <0.1 | <0.1-1.1 |
| | sucker | w | | | | | | | | 0.3 | 0.7-0.8 | 0.2 | 1.4-2.4 |
| Westbrook | bass | f | | 1.8 | 2.4-4.5 | 0.2 | 0.2-0.4 | 0.1 | 0.2-0.4 | <0.2 | 0.1-0.5 | 0.2 | 0.3-1.2 |
| | pickerel | f | | <2.6 | <0.1-5.9 | | | | | | | | |
| | w perch | f | | 1.2 | 2.5-3.1 | 0.4 | 0.9-1.0 | | | | | | |
| | sucker | w | 5.2 | 5.1 | 8.2-9.6 | 0.6 | 1.6-1.7 | 0.3 | 0.8-0.9 | 1.1 | 1.8-2.3 | 0.9 | 2.1-3.7 |
| Falmouth | clam | m | | | | | <0.1 | 0.2-0.4 | | | | | |
| Portland | lobster | m | | | | | | | | <0.1 | 0.1-0.8 | <0.1 | 0.2-1.0 |
| | lobster | t | | | | | | | | 3.4 | 18.5-18.7 | 2.5 | 17.2-21.3 |

ST CROIX R

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | NDS/NBS | MAINE | | 19 91 | | 19 92 | | 19 93 | | 19 94 | |
|----------------|-----------|--------|---------|------------|----------|-------|----------|-------|---------|-------|-----------|-------|----------|
| | | | 1984-86 | 1988- 1990 | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD |
| Woodland | bass | f | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| Baring | bass | | | 0.3 | 0.5-1.0 | <0.1 | <0.1-0.3 | | | | | | |
| | sucker | w | <0.7 | 0.6 | 1.0-1.1 | | | | | | | | |
| Robbinston | lobster | t | | | | | | | | | | | |
| ST JOHN R | | | | | | | | | | | | | |
| Frenchville | sucker | w | | | | | | | | | | 0.1 | 0.2-1.0 |
| Madawaska | y perch | f | | <0.5 | <0.1-0.8 | | | | | | | | |
| | bk trout | f | | | | | | | | | | <0.3 | <0.1-2.3 |
| | sucker | w | | | | | | | | | | <0.1 | 0.2-0.8 |
| SACO R | | | | | | | | | | | | | |
| Dayton | sucker | w | <0.3 | | | | | | | | | | |
| SACO BAY | | | | | | | | | | | | | |
| Scarborough | lobster | m | | | | | | | | <0.1 | 0.1-0.8 | <0.1 | <0.1-0.8 |
| | lobster | t | | | | | | | | 2.0 | 11.3-14.6 | 1.3 | 9.7-12.0 |
| SALMON FALLS R | | | | | | | | | | | | | |
| Acton | lm bass | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| Lebanon | lm bass | | | | | | | | | | | | |
| S Berwick | sm bass | f | | 0.4 | 0.5-0.6 | | | | | 0.2 | 0.2-0.9 | 0.5 | 0.7-3.3 |
| | lm bass | | | | | | | | | | | | |
| | pickereel | f | | 0.2 | 0.3 | | | | | | | | |
| | sucker | w | | 1.5 | 2.1-2.2 | | | 2.4 | 3.4-3.6 | 1.9 | 3.6-3.8 | 2.1 | 4.7-6.1 |
| SANDY P | | | | | | | | | | | | | |
| | bass | f | <1.0 | | | | | | | | | | |
| SEBAGO L | | | | | | | | | | | | | |
| Naples | bass | w | <0.6 | | | | | | | | | | |
| SEBASTICOOK R | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | NDS/NBS | MAINE | | 19 91 | | 19 92 | | 19 93 | | 19 94 | |
|---------------|----------|--------|---------|------------|---------|-------|------|-------|----------|-------|---------|-------|---------|
| | | | 1984-86 | 1988- 1990 | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD |
| E Br Corinna | lm bass | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| Newport | bass | f | | | | | | 0.1 | 0.3-0.4 | | | | |
| | lm bass | f | <0.2 | | | | | <0.2 | 0.2-0.4 | | | | |
| | w perch | f | | 1.0 | 1.6-2.1 | | | | | | | | |
| Sebastcook L | bass | f | | | | | | | | | | | |
| | w perch | f | | | | | | | | | | | |
| Detroit | bass | f | | | | | | | | | | | |
| Burnham | bass | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| W Br Harmony | bass | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | |
| W Br Palmyra | bass | f | | 1.2 | 1.4-1.8 | | | 0.4 | 0.5-0.6 | 0.9 | 1.2-1.6 | 0.4 | 0.4-1.3 |
| | pickerel | f | <0.1 | | | | | 0.2 | 0.2 | | | | |
| | sucker | w | 1.6 | 3.3 | 4.3-4.6 | | | 1.1 | 1.4-1.6 | 1.0 | 2.6-2.7 | 1.2 | 4.0-4.3 |
| WEBBER POND | | | | | | | | | | | | | |
| Vassalboro | bass | f | | | | | | <<0.1 | <0.1-0.4 | | | | |

f=fillet
m=meat
t=tomalley
w=whole

DTE= dioxin toxic equivalents using WHO 98 toxic equivalency factors (TEF).
Range shown at nd=0 and nd=mdl, ie DTEo-DTEd

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 19 95 | | 19 96 | | 19 97 | | 19 98 | | 19 99 | | 20 00 | | 20 01 | | |
|--------------------------|-------------|--------|-------|---------|-------|---------|---------|---------|---------|---------|---------|---------|---------|----------|---------|---------|---------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | |
| ANDROSCOGGIN LAKE | | | | | | | | | | | | | | | | | |
| Wayne | bn trout | f | | | 0.7 | 1.1-2.3 | | | | | | | | | | | |
| | bass | f | | | 0.6 | 1.2-2.2 | | | 0.2 | 0.4-1.0 | 0.1 | 0.2-0.8 | <0.1 | <0.1-1.3 | <0.1 | 0.1-0.8 | |
| | w perch | | | | | | | | 0.5 | 0.6-1.2 | 0.2 | 0.3-0.9 | 0.2 | 0.2-0.8 | 0.1 | 0.2-0.7 | |
| | sucker | w/f | | | w | 0.4 | 1.4-2.5 | | w | 0.4 | 0.9-1.1 | | w | <0.1 | 0.1-1.1 | f | <0.1 |
| POCASSET LAKE | | | | | | | | | | | | | | | | | |
| Wayne | bass | | | | | | | | | | | | | | | | |
| | SMB comp | | | | | | | | | | | | | | | | |
| | WHP comp | | | | | | | | | | | | | | | | |
| ANDROSCOGGIN R | | | | | | | | | | | | | | | | | |
| Gilead | rb trout | | 1.2 | 2.4-2.9 | 0.9 | 2.0-2.6 | 0.5 | 1.6-2.1 | 0.4 | 1.5-2.0 | 0.7 | 1.7-2.3 | 0.4 | 0.9-1.4 | 0.8 | 2.1-2.5 | |
| | bn trout | | | | 0.4 | 1.0-1.5 | | | | | 0.4 | 1.0-1.5 | 0.1 | 0.4-1.0 | 0.8 | 2.5-2.7 | |
| | juv bass | | | | | | | | | | | | | | | | |
| | bass | | 0.9 | 3.8-4.1 | | | | | | | 0.4 | 1.4-1.5 | 0.2 | 0.8-1.2 | 0.3 | 1.0-1.4 | |
| | sucker | w | 1.7 | 6.1-6.7 | 0.7 | 4.4-5.3 | 0.5 | 3.4-3.8 | 0.9 | 3.1-3.5 | 0.8 | 2.9-3.3 | 0.3 | 1.8-2.2 | 0.1 | 0.7-1.1 | |
| | bass | f | 2.2 | 3.5-4.1 | | | 0.5 | 1.2-1.8 | 0.4 | 1.1-1.5 | 0.6 | 1.5-1.9 | 0.2 | 0.6-1.1 | 0.2 | 0.5-1.0 | |
| Rumford | juv bass | | | | | | | | | | | | | | | | |
| | sucker | w | | | 0.8 | 4.1-5.2 | 0.5 | 3.6-4.9 | 0.4 | 3.0-3.4 | 0.4 | 2.8-3.2 | 0.3 | 1.9-2.3 | 0.3 | 2.0-2.4 | |
| Riley | bass | | | | | | | 0.3 | 1.1-2.2 | 0.2 | 0.8-1.0 | <0.1 | 0.2-0.6 | <0.1 | 0.2-0.6 | 0.2 | 0.8-1.0 |
| | sucker | w | | | | | | 0.5 | 3.8-4.8 | 0.3 | 2.5-2.8 | 0.3 | 2.6-2.8 | | | 0.3 | 1.9-2.1 |
| Jay | bass | f | | | 0.5 | 1.3-1.4 | | | | | | | | | | | |
| | sucker | w | 2.3 | 6.9-7.6 | | | | | | | | | | | | | |
| Livermore Falls | bass | f | 0.5 | 0.8-1.3 | | | 0.3 | 1.2-1.4 | 0.2 | 1.1-1.2 | 0.2 | 0.9-1.2 | 0.2 | 0.6-1.0 | 0.3 | 0.9-1.4 | |
| | sucker | w | | | 0.6 | 3.4-3.9 | 0.5 | 2.8-2.9 | 0.5 | 2.8-2.9 | 0.4 | 2.4 | | | 0.3 | 1.6-1.7 | |
| Livermore ALF | sucker comp | | | | | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | | | | | |
| N Turner | sucker | w | | | | | | | | | | | | | | | |
| | bass | f | | | 0.6 | 2.1-2.5 | 0.4 | 2.0-2.2 | 0.4 | 1.6-1.8 | 0.4 | 1.6-1.8 | 0.1 | 0.4-0.9 | 0.2 | 0.4-0.9 | |
| Auburn-GIP | lm bass | f | | | | | | | | | | | | | | | |
| | sucker | w | 1.4 | 3.8-5.0 | | | | | | | | | | | 0.2 | 0.6-0.9 | |
| | bullhead | w | | | | | | | | | | | | | | | |
| Lisbon Falls | bn trout | f | | | | | | | | | | | | | | | |
| | bass | f | 0.9 | 1.4-2.4 | | | 0.6 | 1.3-1.8 | 0.5 | 1.1-1.5 | 0.7 | 1.7-2.1 | 0.2 | 0.5-1.0 | 0.4 | 0.9-1.3 | |
| | sucker | w | | | 0.7 | 1.6-2.8 | | | | | | | | | | | |
| Brunswick | sucker | w | | | | | | | | | | | | | | | |
| | carp | f | | | | | | | | | | | | | | | |
| BEARCE LAKE | | | | | | | | | | | | | | | | | |
| Baring | pickerel | f | | | | | | | | | | | | | | | |
| BRAVE BOAT HARBOR | | | | | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 19 95 | | 19 96 | | 19 97 | | 19 98 | | 19 99 | | 20 00 | | 20 01 | |
|-------------------------------|----------|--------|-------|-----------|-------|-----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| Kittery | lobster | m | | | 1.7 | 13.8-15.5 | | | | | | | | | | |
| | lobster | t | 1.6 | 6.7-9.9 | | | | | | | | | | | | |
| BROOKLYN | lobster | m | 0.8 | 4.9-8.2 | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| COREA | lobster | t | | | 0.6 | 6.6-7.3 | | | | | | | | | | |
| JONES CREEK Scarborough | clam | m | | | | | | | | | | | | | | |
| KENNEBEC R Madison | bn trout | f | <0.1 | 0.1-0.7 | | | | | | | | | | | <0.1 | <0.1-0.7 |
| | bass | f | | | <0.1 | 0.1-0.8 | <0.2 | <0.1-1.6 | | | | | | | | |
| | sucker | w | 0.1 | 0.3-1.0 | <0.1 | 0.3-1.0 | <0.1 | 0.2-0.8 | | | | | | | | |
| Norridgewock | bass | | | | | | | | <0.1 | <0.1-0.6 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | 0.1-0.8 |
| | bn trout | | | | | | | | | | | | <0.1 | <0.1-0.7 | | |
| | sucker | | | | | | | | <0.1 | 0.2-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 |
| Fairfield | bass | f | | | | | 0.6 | 0.6-1.2 | 0.3 | 0.4-1.0 | 0.4 | 0.4-1.0 | 0.4 | 0.5-1.1 | 0.2 | 0.4-0.9 |
| | trout | f | 1.6 | 1.7-2.5 | | | 1.2 | 1.3-1.9 | | | | | | | 1.0 | 1.2-1.8 |
| | sucker | w | | | 1.6 | 2.1-2.7 | 1.2 | 1.7-2.1 | 0.9 | 1.4-1.8 | 0.3 | 0.4-1.0 | 0.4 | 0.5-1.0 | 0.3 | 0.5-1.1 |
| Sidney | bass | f | | | 0.2 | 0.4-1.0 | 0.2 | 0.3-0.9 | | | | | 0.2 | 0.2-0.8 | 0.2 | 0.4-0.9 |
| | bn trout | | | | | | | | | | | | 0.3 | 0.3-0.8 | 0.4 | 0.5-1.1 |
| | sucker | w | 1.2 | 1.7-2.5 | | | | | | | | | | | | |
| Augusta | bn trout | f | 1.0 | 1.3-3.5 | | | 0.6 | 1.0-1.3 | | | | | | | | |
| | bass | f | | | | | 0.5 | 0.8-1.6 | 0.3 | 0.6-0.9 | 0.3 | 0.6-0.9 | | | | |
| | sucker | w | | | 2.2 | 2.6-3.3 | | | | | | | | | | |
| Hallowell | smelt | c | | | | | | | | | | | | | | |
| Gardiner | bass | | | | | | | | | | | | | | | |
| Richmond | eel | f | | | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | | | | |
| Phippsburg | clam | m | | | | | | | | | | | | | | |
| | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | 4.6 | 13.5-17.1 | 3.6 | 16.7-18.6 | | | | | | | | | | |
| MESSALONSKEE LAKE Belgrade | bass | | | | | | | | | | | | | | | |
| NARRAGUAGUS R Cherryfield | fallfish | w | | | | | | | | | | | | | | |
| NORTH POND Chesterfield | sucker | w | | | | | | | | | | | | | | |
| | pickerel | f | | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 19 95 | | 19 96 | | 19 97 | | 19 98 | | 19 99 | | 20 00 | | 20 01 | |
|-----------------|----------|--------|-------|----------|-------|-----------|-------|----------|-------|----------|-------|----------|-------|---------|-------|----------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| PENOBSCOT R | | | | | | | | | | | | | | | | |
| E Br Grindstone | bass | f | <0.1 | 0.1-0.7 | <0.1 | 0.1-0.8 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | | | |
| | sucker | w | <0.1 | 0.1-0.6 | <0.1 | 0.1-0.8 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | | | |
| E Millinocket | bass | f | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | | | |
| | sucker | w | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | | | |
| Woodville | bass | | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | 0.1-0.7 | <0.1 | 0.1-0.7 |
| | sucker | | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | 0.1-0.7 | <0.1 | 0.1-0.7 | <0.1 | 0.1-0.7 |
| Winn | bass | | | | | | | | | | <0.1 | 0.2-0.8 | <0.1 | 0.1-0.7 | <0.1 | <0.1-0.7 |
| N Lincoln | sucker | | | | | | | | | | <0.1 | 0.2-0.9 | <0.1 | 0.1-0.8 | <0.1 | <0.1-0.7 |
| | bass | f | | | | | | | | | | | | | | |
| S Lincoln | bass | f | 0.5 | 0.7-1.3 | 0.3 | 0.5-1.2 | 0.2 | 0.4-1.0 | 0.2 | 0.4-0.9 | 0.4 | 0.6-1.0 | 0.2 | 0.3-0.9 | 0.4 | 0.5-1.1 |
| | sucker | w | | | 1.6 | 2.2-3.2 | 1.2 | 1.6-2.2 | 1.0 | 1.4-2.0 | 1.0 | 1.4-1.6 | 0.7 | 1.0-1.5 | 0.3 | 0.5-1.1 |
| Passadumkeag | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Milford | bass | f | | | | | 0.2 | 0.4-0.9 | 0.2 | 0.2-0.8 | 0.1 | 0.4-0.7 | 0.2 | 0.3-0.9 | 0.3 | 0.5-1.1 |
| | sucker | w | | | | | 1.0 | 1.6-2.0 | 1.0 | 1.5-2.0 | 1.0 | 1.5-1.6 | 0.8 | 1.1-1.6 | 0.4 | 0.5-1.0 |
| Veazie | bass | f | 0.3 | 0.4-1.9 | 0.3 | 0.3-1.5 | 0.3 | 0.4-0.9 | 0.2 | 0.3-0.9 | 0.3 | 0.4-0.9 | 0.4 | 0.5-1.1 | 0.2 | 0.3-0.8 |
| | sucker | w | 0.5 | 1.4-2.5 | 0.4 | 0.9-2.0 | 1.1 | 1.3-1.9 | 1.0 | 1.2-1.8 | 1.1 | 1.3-1.7 | 0.9 | 1.2-1.7 | 1.3 | 1.7-2.2 |
| Bangor | eel | f | | | 0.3 | 0.4-1.5 | | | | | | | 1.6 | 2.0-2.5 | 1.1 | 1.5-2.0 |
| Bucksport | clam | m | | | | | | | | | | | | | | |
| Stockton Spring | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | 1.3 | 7.2-14.6 | 0.9 | 12.5-13.2 | | | | | | | | | | |
| OWLS HEAD | mussel | m | | | | | | | | | | | | | | |
| PISCATAQUIS R | | | | | | | | | | | | | | | | |
| Sangerville | bass | f | | | | | | | | | | | | | | |
| | bn trout | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Howland | bass | f | | | | | | | | | | | | | | |
| PRESUMPSCOT R | | | | | | | | | | | | | | | | |
| Windham | bass | f | | | <0.1 | 0.5-1.5 | <0.1 | 0.5-0.7 | <0.1 | 0.4-0.8 | | | <0.1 | 0.1-0.7 | <0.1 | 0.1-0.7 |
| | sucker | w | 0.3 | 2.4-7.7 | | | 0.2 | 1.2-1.4 | 0.2 | 1.2-1.4 | | | | | 0.2 | 1.4-1.5 |
| Westbrook | bass | f | | | 0.2 | 0.4-0.9 | 0.1 | 0.4-0.9 | <0.1 | 0.3-0.8 | | | <0.1 | 0.2-0.8 | <0.1 | <0.1-0.7 |
| | pickerel | f | | | | | | | | | | | | | | |
| Falmouth | w perch | f | | | | | | | | | | | | | | |
| | sucker | w | 0.8 | 1.6-2.6 | | | 0.2 | 1.6-2.0 | 0.2 | 1.6-2.0 | | | | | 0.2 | 1.3-1.7 |
| Portland | clam | m | | | | | | | | | | | | | | |
| Portland | lobster | m | | | 2.7 | 18.9-21.6 | | | | | | | | | | |
| | lobster | t | 2.2 | 9.5-12.8 | | | | | | | | | | | | |

ST CROIX R

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 19 95 | | 19 96 | | 19 97 | | 19 98 | | 19 99 | | 20 00 | | 20 01 | |
|----------------|----------|--------|-------|----------|-------|-----------|-------|----------|-------|----------|-------|----------|-------|---------|-------|---------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| Woodland | bass | f | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | |
| | sucker | | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | |
| Baring | bass | | | | | | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | <0.1 | <0.1-0.7 | | | | |
| | sucker | w | | | | | <0.1 | <0.1-0.8 | <0.1 | <0.1-0.8 | <0.1 | <0.1-0.7 | | | | |
| Robbinston | lobster | t | | | 1.0 | 10.2-11.2 | | | | | | | | | | |
| ST JOHN R | | | | | | | | | | | | | | | | |
| Frenchville | sucker | w | | | | | | | | | | | | | | |
| Madawaska | y perch | f | | | | | | | | | | | | | | |
| | bk trout | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| SACO R | | | | | | | | | | | | | | | | |
| Dayton | sucker | w | | | | | | | | | | | | | | |
| SACO BAY | | | | | | | | | | | | | | | | |
| Scarborough | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| SALMON FALLS R | | | | | | | | | | | | | | | | |
| Acton | lm bass | | <0.1 | <0.1-0.7 | <0.1 | 0.1-1.0 | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | |
| Lebanon | lm bass | | | | | | | | | | | | | | | |
| S Berwick | sm bass | f | 0.4 | 0.4-4.0 | | | 0.2 | 0.3-0.6 | | | 0.1 | 0.3-0.6 | 0.1 | 0.2-0.8 | 0.2 | 0.4-0.8 |
| | lm bass | | | | | | | | | | 0.2 | 0.5-0.8 | | | | |
| | pickerel | f | | | | | 0.6 | 0.8-1.0 | | | | | | | | |
| | sucker | w | | | 2.0 | 3.2-4.5 | | | | | | | | | | |
| SANDY P | | | | | | | | | | | | | | | | |
| | bass | f | | | | | | | | | | | | | | |
| SEBAGO L | | | | | | | | | | | | | | | | |
| Naples | bass | w | | | | | | | | | | | | | | |

SEBASTICOOK R

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 19 95 | | 19 96 | | 19 97 | | 19 98 | | 19 99 | | 20 00 | | 20 01 | |
|---------------|----------|--------|-------|---------|-------|---------|-------|----------|-------|---------|-------|---------|---------|---------|-------|---------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| E Br Corinna | lm bass | | 0.1 | 0.2-1.1 | | | <0.1 | 0.1-0.7 | | | | | | | | |
| | bass | | | | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | |
| Newport | bass | f | | | | | 0.2 | 1.2-1.4 | | | | | | | 0.1 | 0.6-0.9 |
| | lm bass | f | 0.3 | 1.1-2.0 | | | | | | | | | | | | |
| | w perch | f | | | 0.3 | 1.6-2.3 | | | | | | | | | | |
| Sebastcook L | bass | f | | | | | | | | | | 0.1 | 0.5-0.8 | | | |
| | w perch | f | | | | | | | | | | 0.2 | 0.8-0.9 | | | |
| Detroit | bass | f | | | | | | | | | | | | | 0.1 | 0.2-0.8 |
| Burnham | bass | | | | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | |
| W Br Harmony | bass | | <0.1 | 0.1-0.8 | | | <0.1 | <0.1-0.7 | | | | | | | | |
| | sucker | | | | 0.1 | 0.1-1.2 | | | | | | | | | | |
| W Br Palmyra | bass | f | 0.8 | 1.7-2.2 | | | 0.3 | 0.6-0.9 | 0.2 | 0.5-0.8 | 0.2 | 0.6-0.8 | 0.1 | 0.4-2.7 | 0.2 | 0.5-0.8 |
| | pickerel | f | | | | | | | | | | | | | | |
| | sucker | w | | | 1.2 | 2.2-3.6 | | | | | | | | | | |
| WEBBER POND | | | | | | | | | | | | | | | | |
| Vassalboro | bass | f | | | | | | | | | | | | | | |

f=fillet
m=meat
t=tomalley
w=whole

DTE= dioxin toxic equivalents u
Range shown at nd=0 and nd=mdl,

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 20 02 | | 20 03 | | 20 04 | | 20 05 | | 20 06 | | 20 07 | | 20 08 | |
|-------------------|-------------|--------|-------|----------|-------|----------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| ANDROSCOGGIN LAKE | | | | | | | | | | | | | | | | |
| Wayne | bn trout | f | | | | | | | | | | | | | | |
| | bass | f | <0.1 | 0.3-1.3 | 0.2 | 0.8-1.0 | <0.1 | 0.2-0.4 | <0.1 | 0.1-0.3 | <0.1 | 0.2-0.4 | | | | |
| | w perch | | <0.1 | 0.4-1.4 | 0.1 | 0.7-0.9 | <0.1 | 0.4-0.8 | 0.1 | 0.8-0.9 | 0.1 | 0.4-0.6 | <0.1 | 0.2-0.4 | <0.1 | 0.4 |
| | sucker | w/f | | | | | | | | | | | | | | |
| POCASSET LAKE | | | | | | | | | | | | | | | | |
| Wayne | bass | | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | | | | | | | | | | |
| | SMB comp | | | | <0.1 | 0.2-0.5 | | | | | | | | | | |
| | WHP comp | | | | <0.1 | 0.3-0.6 | | | | | | | | | | |
| ANDROSCOGGIN R | | | | | | | | | | | | | | | | |
| Gilead | rb trout | | | | | | <0.1 | 0.8-1.1 | <0.1 | 1.0-1.2 | 0.1 | 0.6-0.8 | <0.1 | 0.4-0.5 | 0.1 | 0.9 |
| | bn trout | | | | | | | | | | | | | | | |
| | juv bass | | <0.1 | 1.9-2.8 | | | | | | | | | | | | |
| | bass | | <0.1 | 1.4-2.3 | 0.1 | 1.1-1.4 | 0.1 | 1.6-1.8 | | | | | | | | |
| | sucker | w | <0.2 | 1.4-2.2 | <0.1 | 1.2-1.5 | <0.1 | 1.2-1.5 | | | | | | | | |
| | bass | f | <0.2 | 0.6-1.5 | <0.1 | 0.6-0.9 | <0.1 | 0.3-0.5 | 0.1 | 0.4-0.5 | 0.1 | 0.4-0.6 | <0.1 | 0.3 | | |
| Rumford | juv bass | | <0.1 | 0.8-1.4 | | | | | | | | | | | | |
| | sucker | w | <0.1 | 0.4-1.5 | 0.2 | 1.8-2.1 | <0.1 | 1.0-1.2 | | | | | | | | |
| | bass | | <0.1 | 0.2-1.3 | <0.1 | 0.3-0.7 | <0.1 | 0.2-0.3 | | | <0.1 | 0.2-0.4 | 0.1 | 0.3 | | |
| Riley | sucker | w | 0.1 | 0.6-1.6 | 0.2 | 1.9-2.1 | 0.3 | 2.8-2.9 | 0.3 | 2.8-2.9 | 0.2 | 1.2-1.4 | 0.2 | 1.4 | | |
| Jay | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Livermore Falls | bass | f | <0.1 | 0.3-1.4 | <0.1 | 0.2-0.6 | <0.1 | 0.2-0.3 | | | <0.1 | 0.2-0.4 | 0.1 | 0.3 | | |
| | sucker | w | 0.2 | 0.9-1.9 | 0.3 | 1.6-1.9 | 0.3 | 1.8-1.9 | 0.2 | 1.1-1.3 | 0.2 | 1.3-1.5 | 0.3 | 1.8-1.9 | | |
| Livermore ALF | sucker comp | | | | 0.2 | 1.5-1.7 | | | | | | | | | | |
| | bass | | | | <0.1 | 0.2-0.6 | | | | | | | | | | |
| N Turner | sucker | | | | 0.1 | 0.6-0.9 | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Auburn-GIP | bass | f | 0.1 | 0.2-1.3 | | | 0.1 | 0.4-0.6 | <0.1 | 0.2-0.5 | 0.1 | 0.3-0.5 | 0.2 | 0.3-0.4 | 0.1 | 0.3-0.4 |
| | lm bass | f | | | | | | | | | | | | | | |
| | sucker | w | 0.3 | 0.8-1.2 | | | | | | | | | 0.4 | 2.0 | 0.2 | 1.3 |
| | bullhead | w | | | | | | | | | | | | | | |
| Lisbon Falls | bn trout | f | | | | | | | | | | | | | | |
| | bass | f | | | | | 0.1 | 0.2-0.3 | | | | | 0.1 | 0.2-0.3 | | |
| | sucker | w | | | | | | | | | | | 0.3 | 1.0 | | |
| Brunswick | sucker | w | | | | | | | | | | | | | | |
| | carp | f | | | | | | | | | | | | | | |
| BEARCE LAKE | | | | | | | | | | | | | | | | |
| Baring | pickerel | f | | | | | | | | | | | | | | |
| BRAVE BOAT HARBOR | | | | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 20 02 | | 20 03 | | 20 04 | | 20 05 | | 20 06 | | 20 07 | | 20 08 | |
|-------------------------------|----------|--------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|-----|-------|---------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| Kittery | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| BROOKLYN | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| COREA | lobster | t | | | | | | | | | | | | | | |
| JONES CREEK Scarborough | clam | m | | | | | | | | | | | | | | |
| KENNEBEC R Madison | bn trout | f | | | | | | | | | | | | | | |
| | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Norridgewock | bass | | <0.1 | <0.1-1.3 | <0.1 | <0.1-0.5 | <0.1 | <0.1-0.2 | | | | | | | | |
| | bn trout | | <0.1 | <0.1-1.0 | | | | | | | | | | | | |
| Fairfield | sucker | | | | <0.1 | <0.1-0.5 | <0.1 | 0.2-0.4 | | | | | | | | |
| | bass | f | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | <0.1 | <0.1-0.2 | | | | | | | | |
| Sidney | trout | f | 0.1 | 0.1-1.0 | | | | | <0.1 | <0.1-0.2 | 0.1 | 0.2-0.4 | | | 0.1 | 0.2 |
| | sucker | w | | | 0.2 | 0.3-0.6 | 0.1 | 0.2-0.4 | <0.1 | <0.1-0.3 | 0.1 | 0.3-0.5 | 0.1 | 0.3 | | |
| | bass | f | 0.1 | <0.1-1.3 | | | | | | | | | | | | |
| Augusta | bn trout | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| | bass | f | | | | | | | | | | | | | 0.1 | 0.2-0.3 |
| Hallowell | smelt | c | | | | | | | | | | | | | | |
| Gardiner | bass | | | | | | | | | | <0.1 | <0.1-0.3 | | | <0.1 | 0.2 |
| Richmond | eel | f | | | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | | | 0.1 | 0.3 |
| Phippsburg | clam | m | | | | | | | | | | | | | | |
| | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| MESSALONSKEE LAKE Belgrade | bass | | | | | | | | | | | | | | | |
| NARRAGUAGUS R Cherryfield | fallfish | w | | | | | | | | | | | | | | |
| NORTH POND Chesterfield | sucker | w | | | | | | | | | | | | | | |
| | pickere1 | f | | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 20 02 | | 20 03 | | 20 04 | | 20 05 | | 20 06 | | 20 07 | | 20 08 | |
|-----------------|----------|--------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|-------|----------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| PENOBSCOT R | | | | | | | | | | | | | | | | |
| E Br Grindstone | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | <0.1 | <0.1-0.3 | <0.1 | <0.1-0.2 | | |
| E Millinocket | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Woodville | bass | | <0.1 | <0.1-1.0 | <0.1 | <0.1-0.6 | <0.1 | <0.1-0.2 | <0.1 | <0.1-0.3 | | | | | <0.1 | 0.3 |
| | sucker | | <0.1 | 1.6-1.9 | <0.1 | 0.5-0.8 | <0.1 | <0.1-0.3 | <0.1 | 0.3-0.5 | <0.1 | <0.1-0.3 | 0.1 | 0.5-0.6 | 0.1 | 0.5 |
| Winn | bass | | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | | | | | | | | | | |
| | sucker | | 0.2 | 1.1-1.8 | <0.1 | 0.3-0.6 | | | | | | | | | | |
| N Lincoln | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| S Lincoln | bass | f | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | <0.1 | <0.1-0.2 | <0.1 | <0.1-0.3 | | | | | <0.1 | 0.2 |
| | sucker | w | 0.3 | 1.6-2.0 | 0.1 | 0.6-0.8 | <0.1 | <0.1-0.3 | <0.1 | 0.2-0.4 | 0.1 | 0.4-0.5 | <0.1 | 0.2-0.3 | <0.1 | 0.2 |
| Passadumkeag | bass | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Milford | bass | f | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | <0.1 | <0.1-0.2 | | | | | | | | |
| | sucker | w | 0.3 | 1.0-1.7 | <0.1 | 0.3-0.7 | <0.1 | 0.3-0.4 | | | | | | | | |
| Veazie | bass | f | <0.1 | <0.1-1.2 | <0.1 | <0.1-0.5 | <0.1 | <0.1-0.2 | <0.1 | 0.1-0.2 | | | | | | |
| | sucker | w | 0.4 | 1.4-2.0 | 0.1 | 0.2-0.6 | <0.1 | 0.2-0.3 | <0.1 | 0.3-0.5 | 0.1 | 0.5-0.6 | <0.1 | 0.2-0.3 | | |
| Bangor | eel | f | 0.1 | 0.2-1.3 | | | | | | | | | | | | |
| | | | <0.1 | 0.1-1.3 | | | | | | | | | | | | |
| Bucksport | clam | m | | | | | | | | | | | | | | |
| Stockton Spring | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |
| OWLS HEAD | mussel | m | | | | | | | | | | | | | | |
| PISCATAQUIS R | | | | | | | | | | | | | | | | |
| Sangerville | bass | f | | | | | | | | | | | | | | |
| | bn trout | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| Howland | bass | f | | | | | | | | | | | | | | |
| PRESUMPCOT R | | | | | | | | | | | | | | | | |
| Windham | bass | f | <0.1 | <0.1-1.5 | | | | | | | <0.1 | <0.1-0.3 | | | <0.1 | 0.1-0.2 |
| | sucker | w | <0.1 | 0.1-1.3 | | | | | | | | | | | <0.1 | 0.1-0.2 |
| Westbrook | bass | f | <0.1 | <0.1-1.2 | | | | | | | | | | | <0.1 | <0.1-0.2 |
| | pickerel | f | | | | | | | | | | | | | | |
| | w perch | f | | | | | | | | | | | | | | |
| | sucker | w | <0.1 | 0.1-1.3 | | | | | | | <0.1 | 0.1-0.3 | | | 0.1 | 0.4 |
| Falmouth | clam | m | | | | | | | | | | | | | | |
| Portland | lobster | m | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | |

ST CROIX R

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 20 02 | | 20 03 | | 20 04 | | 20 05 | | 20 06 | | 20 07 | | 20 08 | | |
|----------------|----------|--------|-------|---------|-------|-----|-------|-----|-------|-----|-------|---------|-------|-----|-------|---------|----------|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | |
| Woodland | bass | f | | | | | | | | | | | | | | <0.1 | <0.1-0.2 |
| | sucker | | | | | | | | | | | | | | | | |
| Baring | bass | | | | | | | | | | | | | | | <0.1 | 0.2 |
| | sucker | w | | | | | | | | | | | | | | | |
| Robbinston | lobster | t | | | | | | | | | | | | | | | |
| ST JOHN R | | | | | | | | | | | | | | | | | |
| Frenchville | sucker | w | | | | | | | | | | | | | | | |
| Madawaska | y perch | f | | | | | | | | | | | | | | | |
| | bk trout | f | | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | | |
| SACO R | | | | | | | | | | | | | | | | | |
| Dayton | sucker | w | | | | | | | | | | | | | | | |
| SACO BAY | | | | | | | | | | | | | | | | | |
| Scarborough | lobster | m | | | | | | | | | | | | | | | |
| | lobster | t | | | | | | | | | | | | | | | |
| SALMON FALLS R | | | | | | | | | | | | | | | | | |
| Acton | lm bass | | | | | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | | |
| Lebanon | lm bass | | | | | | | | | | <0.1 | 0.1-0.3 | | | | | |
| S Berwick | sm bass | f | 0.1 | 0.1-1.2 | | | | | | | | | | | | | |
| | lm bass | | | | | | | | | | 0.1 | 0.2-0.4 | 0.1 | 0.3 | 0.2 | 0.3-0.4 | |
| | pickerel | f | | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | 0.3 | 0.7-0.8 | |
| SANDY P | | | | | | | | | | | | | | | | | |
| | bass | f | | | | | | | | | | | | | | | |
| SEBAGO L | | | | | | | | | | | | | | | | | |
| Naples | bass | w | | | | | | | | | | | | | | | |
| SEBASTICOOK R | | | | | | | | | | | | | | | | | |

APPENDIX 6. DIOXIN AND FURAN CONCENTRATIONS IN MAINE FISH AND SHELLFISH 1984-2008 (pg/g)

| WATER/STATION | SPECIES | TISSUE | 20 02 | | 20 03 | | 20 04 | | 20 05 | | 20 06 | | 20 07 | | 20 08 | |
|---------------|----------|--------|-------|---------|-------|---------|-------|---------|-------|---------|-------|---------|-------|-----|-------|-----|
| | | | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE | TCDD | DTE |
| E Br Corinna | lm bass | | | | | | | | | | | | | | | |
| | bass | | | | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | |
| Newport | bass | f | | | | | 0.1 | 0.7-0.8 | | | | | | | | |
| | lm bass | f | | | | | | | | | 0.1 | 0.5-0.6 | 0.1 | 0.5 | 0.1 | 0.5 |
| | w perch | f | | | | | | | | | | | | | | |
| Sebastcook L | bass | f | | | | | <0.1 | 0.4-0.6 | | | | | | | | |
| | w perch | f | | | | | | | | | | | | | | |
| Detroit | bass | f | | | | | | | | | | | | | | |
| Burnham | bass | | | | | | 0.2 | 0.4-0.5 | 0.1 | 0.2-0.4 | 0.1 | 0.3-0.4 | 0.2 | 0.5 | 0.3 | 0.8 |
| | sucker | | | | | | | | | | | | | | 0.2 | 0.6 |
| W Br Harmony | bass | | | | | | | | | | | | | | | |
| | sucker | | | | | | | | | | | | | | | |
| W Br Palmyra | bass | f | 0.3 | 0.4-1.2 | 0.4 | 0.9-1.1 | 0.5 | 1.2-1.3 | 0.1 | 0.2-0.4 | 0.2 | 0.3-0.5 | 0.2 | 0.4 | | |
| | pickerel | f | | | | | | | | | | | | | | |
| | sucker | w | | | | | | | | | | | | | | |
| WEBBER POND | | | | | | | | | | | | | | | | |
| Vassalboro | bass | f | | | | | | | | | | | | | | |

f=fillet
m=meat
t=tomalley
w=whole

DTE= dioxin toxic equivalents u
Range shown at nd=0 and nd=mdl,