



APPENDIX O: SAMPLED FISH TABLE

Fish Species Samples within the Vicinity of the I-495 & I-270 Corridor Study Boundary

Species	Scientific Name ¹	Tolerance	Watershed ²													
			FCMPW	PR/RR	CJC	RC	SC	NWB	PB	LPB	NEB	UBC	USB	UHC	WB	MB
American eel ⁴	<i>Anguilla rostrata</i>	--	X		X	X	X	X	X	X	X	X		X	X	
Banded killifish	<i>Fundulus diaphanus</i>	--						X	X	X		X		X		
Black crappie	<i>Pomoxis nigromaculatus</i>	--			X											
Blacknose dace	<i>Rhinichthys atratulus</i>	T	X	X	X	X	X	X	X	X	X	X	X	X	X	
Blue Ridge sculpin	<i>Cottus caeruleomentum</i>	I							X					X		
Bluegill	<i>Lepomis macrochirus</i>	T	X	X	X	X	X	X	X	X	X		X	X	X	
Bluntnose minnow	<i>Pimephales notatus</i>	T			X	X		X				X		X	X	
Brown bullhead	<i>Ameiurus nebulosus</i>	T					X					X		X	X	
Central stoneroller	<i>Campostoma anomalum</i>	I			X			X					X	X	X	
Common shiner	<i>Luxilus cornutus</i>	I			X			X	X	X				X		
Creek chub	<i>Semotilus atromaculatus</i>	T	X	X	X	X	X	X	X	X		X	X	X	X	
Creek chubsucker	<i>Erimyzon oblongus</i>	--						X				X		X		
Cutlip minnow	<i>Exoglossum maxillingua</i>	--		X		X		X	X	X				X		
<i>Cyprinella</i> sp. ³	<i>Cyprinella</i> sp.	I							X	X						
Eastern silvery minnow	<i>Hybognathus regius</i>	--			X			X								
Eastern mosquitofish	<i>Gambusia holbrooki</i>	--	X		X	X		X	X	X			X		X	
Eastern mudminnow	<i>Umbra pygmaea</i>	T							X							
Fallfish	<i>Semotilus corporalis</i>	I				X			X	X			X			
Fantail darter	<i>Etheostoma flabellare</i>	--		X	X			X						X	X	
Fathead minnow	<i>Pimephales promelas</i>	--			X	X										
Golden shiner	<i>Notemigonus crysoleucas</i>	T			X					X		X		X		
Goldfish	<i>Carassius auratus</i>	--			X	X										
Green sunfish	<i>Lepomis cyanellus</i>	T		X	X	X	X	X	X	X		X	X	X	X	
Greenside darter	<i>Etheostoma blennioides</i>	--			X									X		
Largemouth bass	<i>Microporus salmoides</i>	T		X	X		X	X	X			X		X	X	
<i>Lepomis</i> sp. ³	<i>Lepomis</i> sp.	--			X		X	X	X					X	X	
Longnose dace	<i>Rhinichthys cataractae</i>	--		X	X	X	X	X	X	X	X		X	X	X	
Margined madtom	<i>Noturus insignis</i>	I						X	X	X						
Mummichog	<i>Fundulus heteroclitus</i>	--										X		X	X	
Northern hogsucker	<i>Hypentelium nigricans</i>	I				X		X	X	X						
Potomac sculpin	<i>Cottus girardi</i>	--			X				X					X	X	
Pumpkinseed	<i>Lepomis gibbosus</i>	T	X		X	X	X	X	X	X		X		X	X	
Redbreast sunfish	<i>Lepomis auritus</i>	--			X	X		X	X	X		X		X	X	
River chub	<i>Nocomis micropogon</i>	I			X											
Rosyside dace	<i>Clinostomus funduloides</i>	--		X	X				X	X			X	X	X	
Satinfin shiner	<i>Cyprinella analostana</i>	I			X	X		X	X	X		X		X		

Species	Scientific Name ¹	Tolerance	Watershed ²													
			FCMPW	PR/RR	CJC	RC	SC	NWB	PB	LPB	NEB	UBC	USB	UHC	WB	MB
Sea lamprey ⁴	<i>Petromyzon marinus</i>	I			X	X		X	X	X						
Silverjaw minnow	<i>Ericymba buccata</i>	--			X	X		X	X	X					X	X
Smallmouth bass	<i>Micropterus dolomieu</i>	--			X			X								
Spotfin shiner	<i>Cyprinella spiloptera</i>	I			X	X		X	X		X			X		
Spottail shiner	<i>Notropis hudsonius</i>	I			X	X		X	X	X	X			X		
Swallowtail shiner	<i>Notropis procne</i>	--			X	X		X	X	X		X	X	X	X	
Tessellated darter	<i>Etheostoma olmstedi</i>	T		X	X	X	X	X	X	X		X	X	X	X	X
White sucker	<i>Catostomus commersonii</i>	T	X	X	X	X	X	X	X	X		X	X	X	X	X
Yellow bullhead	<i>Ameiurus natalis</i>	--	X		X	X		X	X	X				X	X	X
Yellow perch ⁴	<i>Perca flavescens</i>	--								X						
Total Number of Species:			8	11	33	24	11	30	29	26	6	18	10	20	25	19

¹I = intolerant, T = tolerant

²FCMPW = Fairfax County Middle Potomac Watersheds, PR/RR = Potomac River/Rock Run, CJC = Cabin John Creek, RC = Rock Creek, SC = Sligo Creek, NWB = Northwest Branch, PB = Paint Branch, LPB = Little Paint Branch, NEB = Northeast Branch, UBC = Upper Beaverdam Creek, USB = Upper Southwest Branch, UHC = Upper Henson Creek, WB = Watts Branch, MB = Muddy Branch

³Cyprinella sp. and Lepomis sp. were not considered unique species

⁴indicates that species is considered diadromous or semi-diadromous

Sources: MCDEP database, MBSS database, PGDER Database, MDOT SHA data, MTA data, and FCDPWES data