## 8 Implementation Table

This implementation table summarizes the management actions described in Chapter 7. Louisiana requests \$299,000 in funding from USFWS. These funds will be used to implement action 7.A.3 (hiring of a coordinator to staff the Louisiana AIS Council), action 7.C.1 (development of a statewide rapid response plan), and action 7.C.11 (environmental assessment of Mississippi River ports and inland waterbodies). The LAIS Task Force considers these three actions to be the most important activities requiring immediate funding.

Goal: Prevent and control the introduction of new nonindigenous species into Louisiana; control the spread and impact of existing invasive species; and eradicate locally established invasive species wherever possible.

- Objective 1. Coordinate all AIS management programs within Louisiana and collaborate with regional, national, and international AIS programs.
- **Objective 2.** Prevent and control the introduction/reintroduction of nonindigenous invasive species through education about species and pathways, targeting the general public (including schools), industries, user groups, government agencies, and nongovernmental organizations.
- Objective 3. Eliminate locally established invasive species through monitoring, early detection, rapid response, and early eradication.
- **Objective 4.** Control the spread of established invasive species through cooperative management activities designed to minimize impacts when eradication is impossible.
- Objective 5. Prevent the introduction of non-native species, or the spread of existing ones, through legislation and regulation.

	Tasks/Actions		urrent Objective Fund Implementing					R	ecent l	Effor		Planned Efforts (FY05 - FY06)				
			Objective Addressed	Fund Source	Implementing Entity	Cooperating Organizations	FY0	2	FY	)3	FY04		DEDICATED REQUESTED			
Number	Title/Summary	Status	Addressed	Source	Entity	Organizations	000\$	FTE	\$000	FTE	000\$	FTE	000\$	FTE	000\$	FTE
7.A.1	Form a Permanent Louisiana Aquatic Invasive Species Council	Unfunded	1, 2, 3, 4, 5			LAISTF Members										
7.A.2	Establish Memorandum of Understanding to Address Overlapping Jurisdictions	Unfunded	1, 2, 3, 4, 5			LAISTF Members										
7.A.3	Hire Statewide Louisiana Aquatic Invasive Species Coordinator	Unfunded	1, 2, 3, 4, 5			LAISTF Members									75	1
7.B.1	BTNEP Invasive Species Coordinator	Funded	2	BTNEP	BTNEP		-1		25	1	25	1				
7.B.2	Citizen's Guide to Invasive Species for Outdoor Recreationists	Funded	2	CBR- ISI/Coypu Foundation	CBR-ISI	LDWF	1		35	1.25	5.75	1.25	0	0		
7.B.3	Citizen's Guide to Invasive Species for Teachers and Students	Unfunded	2	CBR- ISI/Coypu Foundation	CBR-ISI	LSG, Others	1				1			1.25		
7.B.4	Citizen's Guides and Invasive Species Pamphlets on the World Wide Web	Unfunded	2	CBR- ISI/Coypu Foundation	CBR-ISI									1.5		

	Tasks/Actions	Current	Objective	Fund	Implementing	Cooperating	FY		ecent l		ts FY(	04	Planned Efforts (FY05 - FY06) DEDICATED REQUESTED				
Number	Title/Summary	Status	Addressed	Source	Entity	Organizations	\$000	FTE	\$000	FTE	\$000	FTE	\$000	Ħ	\$000	FTE	
7.B.5	Louisiana Invasive Species Symbol and/or Slogan for Management/Education	Unfunded	2					0	0	0	0	0					
7.B.6	Develop Statewide Invasive Species Educational and Informational Website	Unfunded	2		LSG	LDWF			-1								
7.B.7	Education of Aquarium and Koi Fishpond Industries	Unfunded	2		LDWF	LDAF, Academia, Industry			1								
7.B.8	Education of Bait Industry	Unfunded	2		LDWF	Industry, Academia											
7.B.9	Education of Boaters and Fishermen	Unfunded	2		LDWF												
7.B.10	Education of Commercial Vectors for Invasive Species Introduction and Transport	Unfunded; Funding Pending, Proposal Submitted	2	BTNEP, CBR- ISI/Coypu Foundation	BTNEP, CBR- ISI, LDWF	LSG, Others	1	1	1		20	1		1.25			
7.B.11	GIS Vulnerability Index for Invasive Species in Southeastern Louisiana	Funded	2	CBR- ISI/Coypu Foundation	CBR-ISI		52	0.50	10	0.50	22	0.50					
7.B.12	Invasive Species Educational Video	Funding Pending, Proposal Submitted	2	BTNEP	BTNEP		1		1		45	1					
7.B.13	Louisiana Invasive Species Training Workshop for State/Federal Workers	Unfunded	2			CBR-ISI, LSG, LDWF, Port of NO, Others											
7.B.14	Invasive Species Symposium	Funding Pending, Proposal Submitted	2	GoMP	BTNEP				ŀ				50	1			
7.B.15	Partnership with Aquaculture Industry	Unfunded	2		LDWF, LDAF	Industry Members, LSU AgCenter			1								
7.B.16	Portals and Pathways Poster Map and Companion Website	Funded	2	CBR- ISI/Coypu Foundation	CBR-ISI	LSG	25	1.25	5	1.25	2	1.25	5	1.25			

	Tasks/Actions		Objective	Fund	Implementing	Cooperating	FYO		ecent l		ts FYO	)4	Planned Efforts (FY05 - FY06) DEDICATED REQUESTED					
Number	Title/Summary	Status	Addressed	Source	Entity	Organizations	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE		
7.B.17	Public Perceptions of Invasive Species in the Media	Funded	2	CBR- ISI/Coypu Foundation	CBR-ISI		1		20	1.25	5.75	1.25	0	0				
7.B.18	School Curriculum on Invasive Species	Funded	2	LSG	LSG	LDWF, LDNR, LPB, GoMP, LCES		2		2		2		2				
									="			_		_				
7.C.1	Develop Rapid Response and Early Eradication Plan	Unfunded	3			LDWF, LDAF									75			
7.C.2	Asian/European Gypsy Moth Detection	Funded	3	USDA	USDA, USDHS	LDAF, USDA	60		60		60							
7.C.3	"Big River" Monitoring Program	Unfunded	3		LDWF	USGS, Regional Panel, UNO, Tulane, ULL, LSU		1		-								
7.C.4	Black Carp Surveys	Funded	3	USFWS	USFWS	LDWF					25							
7.C.5	Channeled Apple Snail Detection	Unfunded?	3			USDA, LDAF												
7.C.6	Chinese Tallow Trees and Resident Arthropod Populations	Funded	3	CBR- ISI/Coypu Foundation	Tulane EEB	CBR-ISI	1		11	0.75	0	0	0	0				
7.C.7	Comprehensive Coast Wide Survey for Invasive Species	Unfunded	3		LDWF			-										
7.C.8	Develop and Maintain Public Database of Collected and Identified [Plant & Animal] Specimens	Unfunded?	3			USDA, LDAF, LSU	- 1		1									
7.C.9	Develop GIS Maps for Louisiana Invasive Species	Unfunded	3		LDWF		1	-	1									
7.C.10	DNA Tracking of Invasive Amphibians and Salamanders	Funded	3	CBR- ISI/Coypu Foundation	Tulane EEB, Tulane SPHTM	CBR-ISI	105	1.25	29	1.25	1.5	1.25	0	0				
7.C.11	Environmental Assessment of Major Mississippi River Ports and Inland Waterbodies in Louisiana	Unfunded	3			LDWF, UNO, LSU, Tulane, EPA, LUMCON, LSG									149			

	Tasks/Actions		Objective						ts FY0	)4		ts ) ESTED				
Number	Title/Summary	Status	Addressed Source	Source	Entity	Organizations	\$000	FTE	\$000	FTE	\$000	FTE	\$000	Ħ	\$000	FTE
7.C.12	Establish Database for Marine Invasive Species in Louisiana	Unfunded	3		LDWF					-						
7.C.13	Exotic Fruitfly Detection	Funded	3	USDA	USDA	LDAF?	100		100		100					
7.C.14	Guide to Marine Invasive Species	Unfunded	3			LDWF, CBR- ISI, LSU, ULL, UNO			1		1					
7.C.15	Inspections of Ships and Cargo	Funded	3		Port of NO	USDA, USCG										
7.C.16	Invasive Spider Populations in Fragmented Bottomland Hardwood Forests	Funded	3	CBR- ISI/Coypu Foundation	Tulane EEB	CBR-ISI	5.1		1	1	1		1			
7.C.17	Louisiana Species Database	Funded	3	LSG	LSG		3.06	1		1		-				
7.C.18	Model-Predicted Movement of Rio Grande Cichlid on South Shore of Lake Pontchartrain	Funded	3	UNO/Amer. Cichlid Assoc.	UNO	PIES	0.7		0		0		0			
7.C.19	Monitor for Invasive "Cylindro" Blue-Green Algae	Unfunded	3		ULL	LDWF, LOPH										
7.C.20	Monitoring and Predictive Modeling of the Invasive Asian Carp in the Mississippi River	Funded	3	CBR- ISI/Coypu Foundation	Tulane EEB	CBR-ISI, KU, CSC			32.5	1.50	1.5	1.50	0	0		
7.C.21	Monitoring for Asian Carp in the Mississippi River and Studying Impacts on Native Fish Species	Funded	3	USGS	UNO	MDC, LDWF, PIES					22.68	1				
7.C.22	Monitoring of Invasive Mosquitoes and Mosquito-Borne Diseases	Funded	3	CBR- ISI/Coypu Foundation	Tulane SPHTM	CBR-ISI	30		15		1.5					
7.C.23	New Orleans District Invasive Species Program	Funded	3	USACE	USACE			0.1		0.1		0.1				
7.C.24	Seasonal Feeding Preferences of Nutria	Funded	3	CBR- ISI/Coypu Foundation	Tulane EEB	CBR-ISI, JLNP			10		0	0	0	0		
7.C.25	Treatment of Contaminated Cargo and Packaging	Funded	3		Port of NO	USDA										

	Tasks/Actions		Objective		Implementing		FY0		ecent E		ts FY0	4		(FY05	d Effort - FY06) REQUI	
Number	Title/Summary	Status	Addressed	Source	Entity	Organizations	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE
7.D.1	Aquatic Plant Control Program	Established, but no funding available	4	USACE	USACE, LDWF		0	0	0	0	0	0	0	0		
7.D.2	Biological Control of Common Salvinia in Louisiana	Unfunded?	4			USDA, LDWF, LSU AgCenter			1	1						
7.D.3	Biological Control of Formosan Termites	Funded	4	CBR- ISI/Coypu Foundation	Tulane SPHTM	CBR-ISI, USDA			43	1.25	1.5	1.25				
7.D.4	Biological Control of Giant Salvinia in Louisiana	Funded	4	USDA	USDA	LDWF, LSU AgCenter										
7.D.5	Biological Control of Red Imported Fire Ant	Funded	4	USDA	USDA	LSU			5							
7.D.6	Chinese Tallow Tree Impact on Native Food Webs	Funding Pending, Proposal Submitted	4		UNO	USFWS				1						
7.D.7	Chinese Tallow Tree Invasion Process in Bottomland Hardwood Forests	Funding Pending, Proposal Submitted	4		UNO	USFWS		1	1	1	1					
7.D.8	Coast Wide Nutria Control Program	Funded	4	CWPPRA	LDWF	LDNR, NRCS	2,500		2,500		2,500		5,000			
7.D.9	Entergy Zebra Mussel Monitoring and Control Program	Funded	4	LSG/Entergy	Entergy	LSU	0	0	0	0	0	0				
7.D.10	Henderson Lake Hydrilla Control Project	Funded	4	USACE	LDNR, LDWF	USACE, LSU AgCenter	50	0.5	50	0.5	50	0.5				
7.D.11	Invasive Plant Control at Various National Wildlife Refuges in Louisiana	Funded	4	USFWS	NWRP	LDWF	370		369.4		369.4					
7.D.12	Nuisance Aquatic Plant Control	Funded	4	State	LDWF	USDA, LSU AgCenter	2,500	46	2,500	46	2,500	46	2,500	46		

	Tasks/Actions		Objective	Recent Efforts  Objective Fund Implementing Cooperating FY02 FY03 FY						ts FY0	14	Planned Efforts (FY05 - FY06) DEDICATED REQUESTED				
Number	Title/Summary	Status	Addressed	Source	Entity	Organizations	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE	\$000	FTE
7.D.13	Nutria Population Modeling	Funding Pending, Proposal Submitted	4		UNO	LDWF										
7.D.14	Prevent Illegal Discharges and Improper Disposal of Organic Materials	Funded	4		Port of NO											
7.D.15	Removal of Aquatic Growth from Federally Maintained Waterways	Funded	4	USACE	USACE, LDWF??		2,000	4	2,000	4	2,000	4	2,000	4		
7.E.1	Federal Agriculture Quarantine Inspection	Funded	5	Congress, User Fees	USDA, USDHS	Port of NO	2,200		2,200		2,200					
7.E.2	Strengthen Laws on Importation and Sale of Invasive Plant / Animal Species through Nursery and Pet Trades	Unfunded	5			LDAF, LDWF	1	-	1							
7.E.3	Voluntary/Mandatory Ballast Water Exchange	Funded	5	USCG	USCG	NBWC, USDHS	880	4	880	4	880	4				
	Approximate Total Funding and FTEs						10,881	61	10,900	67	10,839	69	9,555	58	299	1

Key to Abbrev	riations:		
BTNEP	Barataria-Terrebonne National Estuary Program	MDC	Missouri Department of Conservation
CBR-ISI	Invasive Species Initiative at the Center for Bioenvironmental Research at Tulane and Xavier Universities	NBWC	National Ballast Water Clearinghouse at the Smithsonian Institute
CSC	Caribbean Science Center, Gainesville, FL	NRCS	Natural Resources Conservation Service
CWPPRA	Coastal Wetlands Planning, Protection, and Restoration Act	NWRP	National Wildlife Refuge Program (USFWS)
Entergy	Entergy Corporation	PIES	Pontchartrain Institute for Environmental Sciences at the University of New Orleans
EPA	Environmental Protection Agency	Port of NO	Port of New Orleans
GoMP	Gulf of Mexico Program (EPA)	Tulane	Tulane University
JLNP	Jean Lafitte National Park	Tulane EEB	Tulane University Department of Ecology and Evolutionary Biology
KU	University of Kansas	Tulane SPHTM	Tulane University School of Public Health and Tropical Medicine
LAISC	Louisiana Aquatic Invasive Species Council	ULL	University of Louisiana at Lafayette
LAISTF	Louisiana Aquatic Invasive Species Task Force	UNO	University of New Orleans
LCES	Louisiana Cooperative Extension Service	USACE	United States Army Corps of Engineers
LDAF	Louisiana Department of Agriculture and Forestry	USCG	United States Coast Guard
LDNR	Louisiana Department of Natural Resources	USDA	United States Department of Agriculture
LDWF	Louisiana Department of Wildlife and Fisheries	USDHS	United States Department of Homeland Security
LOPH	Louisiana Office of Public Health	USFWS	United States Fish and Wildlife Service
LPB	Louisiana Public Broadcasting	USGS	United States Geological Survey
LSG	Louisiana Sea Grant		
LSU	Louisiana State University		
LSU AgCenter	Louisiana State University Agricultural Extension		
LUMCON	Louisiana Universities Marine Consortium		