

## Appendix F: Table of CHMP Recommendations

(see main report for details)

Sub-basin	CHMP Restoration Recommendations	Type project
<b>MULTIPLE SUB-BASINS</b>		
Upland, Upper, Middle	Quantification of habitat impacts by poorly planned growth	Research
Upper, Middle, Lower	Bathymetric surveys of Pontchartrain Basin	Research
Entire Basin	Post-Katrina assessment of Pontchartrain Basin	Research
Upper, Middle, Lower	Migratory patterns and activity of West Indian Manatee in Pontchartrain Basin	Research
Entire Basin	Identification of "biotic hotspots"	Research
Upper, Middle, Lower	Measurement and analysis of subsidence to forecast future subsidence	Research
Entire Basin	10-year re-occurring habitat inventory for all Pontchartrain Basin	Research
Entire Basin	Accelerated and sustained programs to reduce invasive plants e.g. tallow trees	Habitat Restoration
<b>Upland Sub-basin</b>	<b>UPLAND - NORTH SHORE</b>	<b>Type project</b>
upland	Smart Growth planning: reduce impact of sprawl to habitats	Conservation
Upland	Expand Existing Longleaf pine forests >5000 acres @ each site	Conservation
Upland	2 10,000 -20,000 acre research forests Longleaf pine savannah habitat	Conservation
Upland	2 50,000 acre Longleaf pine federal forests conservation & Mgt	Conservation
Upland	Establish cons. area on the Amite R. for inflated heelsplitter mussel	Conservation
Upland	Education Program Longleaf pine habitats	Education & Outreach
Upland	Establish Prescribed Fire Council for burn management	Habitat Management
Upland	Develop BMP's for active mines on rivers and streams	Habitat Management
Upland	Develop additional regulations to protect freshwater mussels	Habitat Management
Upland	De-authorize the Pearl River Navigation Project	Habitat Management
Upland	Restrict sludge disposals in abandoned mine sites	Habitat Management
Upland	Expanded Red-cockaded WP, gopher tortoise & other R&E species	Habitat Restoration
Upland	Poole Bluff & Bogue Chitto R. sills removed, restore hydrology	Habitat Restoration - Hydrologic Restoration
Upland	Re-establish indigenous canebrake habitats	Habitat Restoration - Construct habitat
Upland	Assess other non-Longleaf pine habitats for rarity	Research
Upland	Assess active sand & gravel mine operations on rivers and streams	Research
Upland	Assess historical sand and gravel sites on rivers and streams	Research
Upland	Inventory freshwater mussels in rivers and streams	Research
Upland	Develop a plan to re-establish freshwater mussels	Research
Upland	Comprehensive Assessment of impact to north shore river systems by mining	Research
<b>Upper Sub-basin</b>	<b>LAKE MAUREPAS REGION</b>	<b>Type project</b>
Upper	Smart Growth planning: reduce impact of sprawl to habitats	conservation
Upper	Protect Alligator Snapping Turtle	Habitat Management

Upper	Conserve and protect the Wetland forests benefiting from restoration	Conservation
Upper	New or expanded conservation on Small Rivers and streams	Conservation
Upper	Increase Wetland Forest Conservation through acquisition	Conservation
Upper	Bayou Manchac (Mississippi R.) Reintroduction	Habitat Restoration - Hydrologic Restoration
Upper	Fountain Bayou (Mississippi R.) Reintroduction	Habitat Restoration - Hydrologic Restoration
Upper	Blind River Basin (Mississippi R.) Reintroduction and Restoration	Habitat Restoration - Hydrologic Restoration
Upper	Maurepas (Mississippi R.) Reintroduction	Habitat Restoration - Hydrologic Restoration
Upper	Amite R. Diversion Canal Gapping, hydrologic restoration	Habitat Restoration - Hydrologic Restoration
Upper	South Slough Hydrologic Restoration	Habitat Restoration - Hydrologic Restoration
Upper	Shoreline Protection - Lake Maurepas N & NE shores	Habitat Restoration - Shoreline Protection
Upper	Introduce Ivory Billed Woodpecker	Habitat Restoration - Target Species
Upper	Expanded beneficial use of treated sewage for restoration N shore	Habitat Restoration
Upper	Economics of Coastal Wetland Forests	Research
Upper	Moratorium of cypress logging of non-sustainable forests	Habitat Management
<b>Middle Sub-basin</b>	<b>LAKE PONTCHARTRAIN REGION</b>	<b>Type project</b>
Middle	Smart Growth planning: reduce impact of sprawl to habitats	conservation
Middle	Expand Big Branch NWR including lower Pearl River	Conservation
Middle	Regulate the Lake Pontchartrain sanctuary	Conservation
Middle	Conserve Brazalier Island on the E. Orleans landbridge	Conservation
Middle	Conserve Guste Island tract, NW shore of Lake Pontchartrain	Conservation
Middle	River Reintroduction for Frenier Wetlands via Bonnet Carre	Habitat Restoration - Hydrologic Restoration
Middle	River Reintroduction for BC wetlands via Bonnet Carre	Habitat Restoration - Hydrologic Restoration
Middle	River Reintroduction for Bayou Trepagnier Wetlands via Bonnet Carre	Habitat Restoration - Hydrologic Restoration
Middle	River Reintroduction for La Branche Wetlands	Habitat Restoration - Hydrologic Restoration
Middle	Restore littoral habitat Lake Pon shoreline in St. Tammany Parish	Habitat Restoration - Construct habitat
Middle	Bayou St. John Restoration	Habitat Restoration - Hydrologic Management
Middle	Expand Artificial reefs in Lake Pontchartrain	Habitat Restoration - Construct habitat
Middle	Hydrologic restoration of Hwy 90 impoundment	Habitat Restoration - Hydrologic Restoration
Middle	Lake Pontchartrain shoreline protection Irish Bayou to Chef Pass	Habitat Restoration - Shoreline Protection
Middle	Restore aquatic access in Bayou Sauvage impoundments to LP	Habitat Restoration - Hydrologic Restoration
Middle	Goose Point-Point Platte marsh creation, Expand CWPPRA	Habitat Restoration - Construct habitat
Middle	Labranche Phase II	Habitat Restoration - Construct habitat
Middle	Lake Pontchartrain shoreline restoration- Orleans Parish	Habitat Restoration - Construct habitat
Middle	Lake Pontchartrain shoreline restoration- Jeff. Parish	Habitat Restoration - Construct habitat
Middle	Sill at IHNC to reduce extent of the dead zone in Lake Pontchartrain	Habitat Restoration - Hydrologic Restoration
Middle	East Orleans landbridge	Habitat Restoration - shoreline Protection
Middle	Monitor "dead zone" in Lake Pontchartrain	Research

Middle	Fish Assemblage Research in Lake Pontchartrain	Research
Middle	Impact of anoxia on Blue crab in Lake Pontchartrain	Research
Middle	Ecologic threat of the Rio Grande Cichlid	Research
Middle	Expand populations of indigenous species of striped bass and Gulf sturgeon	Research
Middle	Identification of sources of copper contamination in Lake Pontchartrain water	Research
Middle	Re-establishment of the endangered small-tooth sawfish in Lake Pontchartrain	Habitat Restoration - target species
Middle	Re-establishment of the endangered bald eagle along Lake Pontchartrain	Habitat Restoration - target species
Middle	Re-establishment of bison in Bayou Sauvage NWR	Habitat Restoration - target species
<b>Lower Sub-basin</b>	<b>ST. BERNARD &amp; PLAQUEMINES Psh's</b>	<b>Type project</b>
Lower	Expand conservation in the Lower Sub-basin	Conservation
Lower	Reduce ship speed in MRGO	Habitat Management
Lower	Ban advance maintenance dredging on MRGO	Habitat Management
Lower	Stop dredging in MRGO	Habitat Management
Lower	Degrade MRGO spoil bank for marsh creation	Habitat Restoration - Hydrologic Restoration
Lower	White Ditch Mississippi R. Reintroduction	Habitat Restoration - Hydrologic Restoration
Lower	Eloi-Athanasio shoreline stabilization	Habitat Restoration - shoreline Protection
Lower	Benney's Bay Mississippi R. Reintroduction	Habitat Restoration - Hydrologic Restoration
Lower	Bayou Lamoque Mississippi R. Reintroduction	Habitat Restoration - Hydrologic Restoration
Lower	Mississippi R. Reintroduction Near Violet, La	Habitat Restoration - Hydrologic Restoration
Lower	MRGO constriction & Bayou la Loutre restoration	Habitat Restoration - Hydrologic Restoration
Lower	Biloxi Marsh landbridge north	Habitat Restoration - Shoreline protection
Lower	Biloxi Marsh landbridge south	Habitat Restoration - shoreline Protection
Lower	Increase Benefits of Caernarvon FW Diversion Structure	Habitat Restoration - Hydrologic Restoration
Lower	Chandeleur Island Restoration	Habitat Restoration - Construct habitat
Lower	Delta Crevasses on the lower delta	Habitat Restoration - Hydrologic Restoration
Lower	Delta Management Study	Research
Lower	Sediment Trap in Mississippi River (CHMP)	Habitat Restoration - Construct habitat
Lower	MRGO - Lake Borgne Landbridge armor	Habitat Restoration - Shoreline protection
Lower	Changing Ecology of the barrier Islands	Research
Lower	Rangia clam ecology in the Lower Sub-basin	Research
Lower	Ecology and Structure of natural oyster reefs	Research
Lower	Ecologic condition of the MRGO	Research
Lower	Causes of accelerated land loss	Research
Lower	Ecology and value of non-commercial species	Research
Lower	Impacts and recent changes to nesting of sea turtles on Barrier islands	Research
Lower	Hydrologic modeling of proposed CHMP restoration plan (BLRR & BBMR)	Research