

APPENDIX B: TABLES

Table B-1: Prior Studies and Reports

Project Year	Study/Report/Environmental Document Title	Document Type
1976	Mississippi River Outlets at Venice	Environmental Statement (ES)
1982	Mississippi River Ship Channel, Gulf to Baton Rouge, Louisiana (USACE)	Environmental Assessment (EA) #62
1984	Mississippi and Louisiana Estuarine Areas (USACE)	Feasibility Report
1988	Marsh restoration, Mississippi River Outlets, Louisiana (USACE)	EA #77
1989	Louisiana Coastal Area (LCA), Hurricane Protection (USACE)	Recon Report
1990	Land Loss and Marsh restoration, St. Bernard, Plaquemines, and Jefferson Parishes, LA (USACE)	Study Report
1990	Louisiana Coastal Authority entitled Mississippi River Delta Study (USACE)	Recon Study
1993	The Louisiana Coastal Wetlands Restoration Plan (CWPPRA)	Plan
1994	An Environmental –Economic Blueprint for Restoring the Louisiana Coastal Zone: The State Plan for the Wetlands Conservation and Restoration Authority (Governor’s Office of Coastal Activities Science Advisory Panel)	Report
1995	A White Paper-The State of Louisiana’s Policy for Coastal Restoration Activities. (State of Louisiana)	Report
1997	Mississippi River and Tributaries	EIS
1998	Coast 2050: Toward a Sustainable Coastal Louisiana (CWPPRA/State joint effort)	Report
1999	Section 905(b) (WRDA1986) Analysis Louisiana Coastal Area, Louisiana –Ecosystem Restoration (USACE)	905(b) Report
2000	Mississippi River Outlets, Vicinity of Venice, LA, Baptiste Collette Maintenance Dredging, Beneficial Use of Dredged Material, Plaquemines Parish, LA	EA #305
2000	Mississippi River Sediment, Nutrient and Freshwater Redistribution (CWPPRA)	Feasibility Study
2004	LCA, Louisiana, Ecosystem Restoration Study	Study and Programmatic Environmental Impact Statement (PEIS)
2008	Mississippi River, Baton Rouge to the Gulf of Mexico, LA. Designation of Additional Disposal Area, Pass a Loutre, South Pass, Plaquemines Parish, LA	EA #268b
2010	LCA, Beneficial Use of Dredge Material Program	Programmatic Study Report and PEIS
2011	LCA, Medium Diversion at White Ditch	Feasibility Study and EIS
2013	Mississippi River, Baton Rouge to the Gulf of Mexico, LA, Designation of Additional Disposal Areas for Head of Passes, Southwest Pass, and South Pass, Plaquemines Parish, LA	EA #517
2015	LCA, Beneficial Use of Dredged Material at West Bay	Design and Implementation Report and EA #535
2016	Louisiana Coastal Area (LCA) Beneficial Use of Dredged Material Program at Tiger Pass Plaquemines, Parish	Design and Implementation Report and EA #542

	Louisiana	
2018	Louisiana Coastal Area (LCA) Beneficial Use of Dredged Material Program at Tiger Pass 2 Plaquemines, Parish Louisiana	Design and Implementation Report and Supplemental EA #542.A
2018	Louisiana Coastal Area (LCA) Beneficial Use of Dredged Material Program, Calcasieu Sabine Project, Cameron Parish, Louisiana	Design and Implementation Report and EA #559
2018	Louisiana Coastal Area (LCA) Beneficial Use of Dredged Material Program Houma Navigation Canal Project, Terrebonne Parish, Louisiana	Design and Implementation Report and EA #538
2019	Louisiana Coastal Area (LCA) Beneficial Use of Dredged Material Program, Barataria Bay Waterway at Jefferson Parish, Louisiana	Draft Design and Implementation Report and EA #567

Table B-2: Plant Species Found in Barataria Basin

Common Name	Scientific Name	In Site, TP-10
Alligator weed	<i>Althernantera philoxeroides</i>	
American elm	<i>Ulmus americana</i>	No
American sycamore	<i>Platanus occidentalis</i>	No
Bald cypress	<i>Taxodium distichum</i>	Yes
Baldwin's spikerush	<i>Eleocharis baldwinii</i>	Yes
Beggar-tick	<i>Bidens sp.</i>	
Bermuda grass	<i>Cynodon dactylon</i>	
Bigleaf marsh-elder	<i>Iva frutescens</i>	
Black mangrove	<i>Avicennia germinans</i>	
Black needle rush	<i>Juncus roemerianus</i>	
Black willow	<i>Salix nigra</i>	
Boxelder	<i>Acer negundo</i>	
Bulltongue arrowhead	<i>Sagittaria lancifolia</i>	Yes
Buttonbush	<i>Cephalanthus occidentalis</i>	
California bullwhip	<i>Scirpus californicus</i>	
Carolina willow	<i>Salix caroliniana</i>	Yes
Cattail	<i>Typha latifolia</i>	Yes
Cedar elm	<i>Ulmus crassifolia</i>	
Chairmaker's bulrush	<i>Scirpus americanus</i>	
Chinese tallow	<i>Triadica sebifera</i>	Yes
Climbing hempweed	<i>Mikania scandens</i>	Yes
Coast cockspur	<i>Echinochloa walteri</i>	
Common persimmon	<i>Diospyros virginiana</i>	
Common salvinia	<i>Salvinia minima</i>	Yes
Coontail	<i>Ceratophyllum demersum</i>	Yes
Cutgrass	<i>Zizaniopsis miliaceae</i>	
Delta duck potato	<i>Sagittaria platyphylla</i>	
Duckweed	<i>Lemna sp.</i>	Yes
Dwarf spikerush	<i>Eleocharis parvula</i>	
Eastern baccharis	<i>Baccharis halimifolia</i>	
Eastern cottonwood	<i>Populus deltoides</i>	
Elephant ear	<i>Colocasia antiquorum</i>	Yes
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>	Yes
Green ash	<i>fraxinus pennsylvanica</i>	
Grapevine	<i>Vitis sp.</i>	Yes
Hackberry	<i>Celtis occidentalis</i>	
Honey locust	<i>Gleditsia triacanthos</i>	
Iris	<i>Iris sp.</i>	
Maidencane	<i>Panicum hemitomon</i>	
Needlegrass rush	<i>Juncus roemerianus</i>	
Nuttall oak	<i>Quercus nuttallii</i>	
Olney's three square bulrush	<i>Schoenoplectus americanus</i>	
Parrotfeather	<i>Myriophyllum aquaticum</i>	
Pickerelweed	<i>Pontederia cordata</i>	
Pignut hickory	<i>Carya glabra</i>	
Planertree	<i>Planera aquatica</i>	
Rattlebox	<i>Sesbania drummondii</i>	yes
Red maple	<i>Acer rubrum</i>	

Red mulberry	<i>Morus rubra</i>	
Common reed	<i>Phragmites australis</i>	
Rushes	<i>Juncus sp.</i>	
Saltgrass	<i>Distichlis spicata</i>	
Saltmarsh bulrush	<i>Bolboschoenus robustus</i>	
Saltmeadow cordgrass	<i>Spartina patens</i>	
Sago pondweed	<i>Stuckenia pectinata</i>	
Sawgrass	<i>Cladium jamaicense</i>	
Sedges	<i>Carex sp.</i>	
Smooth cordgrass	<i>Spartina alterniflora</i>	
Southern live oak	<i>Quercus virginiana</i>	
Sugarberry	<i>Celtis laevigata</i>	
Sweetgum	<i>Liquidambar styraciflua</i>	
Turtleweed	<i>Batis maritima</i>	
Water hyacinth	<i>Eichhornia crassipes</i>	Yes
Water hyssop	<i>Bacopa monnieri</i>	Yes
Water lily	<i>Nymphaea odorata</i>	
Water oak	<i>Quercus nigra</i>	
Water primrose	<i>Ludwigia peploides</i>	
Water tupelo/tupelogum	<i>Nyssa aquatica</i>	
Wax myrtle	<i>Mvrica cerifera</i>	Yes
Wild rice	<i>Zizania aquatica</i>	
Yellow cowpea	<i>Vigna luteola</i>	

Table B-3: Common Wildlife Species Found in the Barataria Basin

Common Name	Scientific Name
American alligator	<i>Alligator mississippiensis</i>
American beaver	<i>Castor canadensis</i>
American coot	<i>Fulica americana</i>
American crow	<i>Corvus brachyrhynchos</i>
American eel	<i>Anguilla rostrata</i>
American kestrel	<i>Falco sparverius</i>
American white pelican	<i>Pelecanus erythrorhynchos</i>
American widgeon	<i>Anas americana</i>
Bald eagle	<i>Haliaeetus leucocephalus</i>
Banded water snake	<i>Nerodia fasciata</i>
Barred owl	<i>Strix varia</i>
Belted kingfisher	<i>Ceryle alcyon</i>
Black skimmer	<i>Rynchops niger</i>
Black-necked stilt	<i>Himantopus mexicanus</i>
Blue jay	<i>Cyanocitta cristata</i>
Blue-winged teal	<i>Anas discors</i>
Boat-tailed grackle	<i>Quiscalus major</i>
Bobcat	<i>Lynx rufus</i>
Brazilian free-tailed bat	<i>Tadarida brasiliensis</i>
Bronze frog	<i>Rana clamitans</i>
Brown pelican	<i>Pelecanus occidentalis</i>
Bufflehead	<i>Bucephala albeola</i>
Bullfrog	<i>Rana catesbeiana</i>
Carolina wren	<i>Thryothorus ludovicianus</i>
Cattle egret	<i>Bubulcus ibis</i>
Clapper rail	<i>Rallus longirostris</i>
Common grackle	<i>Quiscalus quiscula</i>
Common moorhen	<i>Gallinula chloropus</i>
Common snapping turtle	<i>Chelydra serpentina</i>
Common yellowthroat	<i>Geothlypis trichas</i>
Cotton mouse	<i>Peromyscus gossypinus</i>
Coyote	<i>Canis latrans</i>
Diamondback terrapin	<i>Malaclemys terrapin</i>
Double-crested cormorant	<i>Phalacrocorax auritus</i>
Eastern pipistrelle	<i>Pipistrellus subflavus</i>
Eastern cottontail rabbit	<i>Sylvilagus floridanus</i>
Eastern wood-pewee	<i>Contopus virens</i>
Evening bat	<i>Nycticeius humeralis</i>
Feral hog	<i>Sus scrofa</i>
Forster's tern	<i>Sterna forsteri</i>
Fox squirrel	<i>Sciurus niger</i>
Fulvous harvest mouse	<i>Reithrodontomys fulvescens</i>
Gadwall	<i>Anas strepera</i>

Glossy ibis	<i>Plegadis falcinellus</i>
Gray fox	<i>Urocyon cinereoargenteus</i>
Gray squirrel	<i>Sciurus carolinensis</i>
Great blue heron	<i>Ardea Herodias</i>
Great egret	<i>Casmerodius albus</i>
Greater yellowlegs	<i>Tringa melanoleuca</i>
Great horned owl	<i>Bubo virginianus</i>
Grebe	<i>Podilymbus sp.</i>
Green anole	<i>Anolis carolinensis</i>
Green-backed heron	<i>Butorides striatus</i>
Green sea turtle	<i>Chelonia mydas</i>
Green treefrogs	<i>Hyla cinerea</i>
Green-winged teal,	<i>Anas crecca</i>
Ground skink	<i>Scincella lateralis</i>
Gulf coast toad	<i>Bufo valliceps</i>
Gull-billed tern	<i>Sterna nilotica</i>
Herring gull	<i>Larus argentatus</i>
Hispid cotton rat	<i>Sigmodon hispidus</i>
Hooked Mussel	<i>Ischadium recurvum</i>
House mouse	<i>Mus musculus</i>
Kemp's ridley sea turtle	<i>Lepidochelys kempii</i>
Killdeer	<i>Chardrius vociferous</i>
Lane snapper	<i>Lutjanus synagris</i>
Laughing gull	<i>Larus atricilla</i>
Lesser scaup	<i>Aythya affinis</i>
Lesser yellowlegs	<i>Tringa flavipes</i>
Loggerhead sea turtle	<i>Caretta caretta</i>
Longnose gar	<i>Lepisosteus osseus</i>
Lesser Scaup	<i>Aythya affinis</i>
Mallard	<i>Anas platyrhynchos</i>
Marsh rice rat	<i>Oryzomys palustris</i>
Marsh wren	<i>Cistothorus palustris</i>
Mink	<i>Mustela vison</i>
Mottled duck	<i>Anas fulvigula</i>
Mourning Dove	<i>Zenaida macroura</i>
Muskrat	<i>Ondatra zibethicus</i>
Nine-banded armadillo	<i>Dasypus novemcinctus</i>
Northern cardinal	<i>Cardinalis cardinalis</i>
Northern harrier	<i>Circus cyaneus</i>
Northern mockingbird	<i>Mimus polyglottos</i>
Northern pintail	<i>Anas acuta</i>
Northern raccoon	<i>Procyon lotor</i>
Northern Shoveler	<i>Anas clypeata</i>
Northern yellow bat	<i>Lasiurus intermedius</i>
Norway rat	<i>Rattus norvegicus</i>
Nutria	<i>Myocastor coypus</i>

Olivaceous cormorant	<i>Phalacrocorax brasilianus</i>
Opposum	<i>Didelphis virginiana</i>
Pig frog	<i>Rana grylio</i>
Rafinesque's big-eared bat	<i>Plecotus rafinesquii</i>
Red bat	<i>Lasiurus borealis</i>
Red-breasted merganser	<i>Mergus serrator</i>
Red-eared slider	<i>Trachemys scripta</i>
River otter	<i>Lutra canadensis</i>
Red fox	<i>Vulpes vulpes</i>
Redhead	<i>Aythya americana</i>
Red-shouldered hawk	<i>Buteo lineatus</i>
Red-tailed hawk	<i>Buteo jamaicensis</i>
Red-winged blackbird	<i>Agelaius phoeniceus</i>
Ring-billed gull	<i>Larus delawarensis</i>
Ring-necked duck	<i>Aythya collaris</i>
Roof rat	<i>Rattus rattus</i>
Seaside sparrow	<i>Ammodramus maritimus</i>
Snowy egret	<i>Egretta thula</i>
Southern leopard frog	<i>Rana sphenoccephala</i>
Squirrel treefrogs	<i>Hyla squirella</i>
Stinkpot	<i>Sternotherus odoratus</i>
Striped skunk	<i>Mephitis mephitis</i>
Swamp rabbit	<i>Sylvilagus aquaticus</i>
Tricolored heron	<i>Egretta tricolor</i>
West Indian manatee	<i>Trichechus manatus</i>
Western cottonmouth	<i>Agkistrodon piscivorus</i>
White-eyed vireo	<i>Vireo griseus</i>
White-faced ibis	<i>Plegadis chihi</i>
White-footed mouse	<i>Peromyscus leucopus</i>
White ibis	<i>Eudocimus albus</i>
White-tail deer	<i>Odocoileus virginianus</i>
Willet	<i>Tringa semipalmata</i>
Wood duck	<i>Aix sponsa</i>
Yellow-crowned night-heron	<i>Nycticorax violaceus</i>

Table B-4: Project Parishes and LA Threatened and Endangered Species

Species	Parish	Critical Habitat	Status	Jurisdiction	
				USFWS	NFMS
Animal					
*West Indian Manatee (<i>Trichechus manatus</i>)	J, L, PI, St. C,		T	X	
Gulf sturgeon (<i>Acipenser oxyrinchus desotoi</i>)	J, L, PI, St. C,		T	X	X
*Pallid sturgeon (<i>Scaphirhynchus albus</i>)	J, PI, St. C		E	X	
Piping plover (<i>Charadrius melodus</i>)	J, L, PI	X	T	X	
Red knot (<i>Calidris canutus</i>)	J, L, PI		T	X	
Green Sea Turtle (<i>Chelonia mydas</i>)	J, L, PI		T	X	X
Hawksbill Sea Turtle (<i>Eretomchelys imbricata</i>)	J, L, PI		E	X	X
Kemp's Ridley Sea Turtle (<i>Lepidochelys kempii</i>)	J, L, PI		E	X	X
Leatherback Sea Turtle (<i>Dermochelys coriacea</i>)	J, L, PI		E	X	X
Loggerhead Sea Turtle (<i>Caretta caretta</i>)	J, L, PI		T	X	X

Table B-5: Fish and Aquatic Species Found in the Barataria Basin

Common Name	Scientific Name
Atlantic croaker	<i>Micropogonias undulatus</i>
American oyster	<i>Crassostrea virginica</i>
Asiatic clam	<i>Corbicula fluminea</i>
bay anchovy	<i>Anchoa mitchilli</i>
bighead carp	<i>Hypophthalmichthys nobilis</i>
black crappie	<i>Pomoxis nigromaculatus</i>
black drum	<i>Pogonias cromis</i>
blue crab	<i>Callinectes sapidus</i>
blue catfish	<i>Ictalurus furcatus</i>
bluegill	<i>Lepomis macrochirus</i>
bowfin	<i>Amia calva</i>
brown shrimp	<i>Farfantepenaeus aztecus</i>
smallmouth bass	<i>Micropterus dolomieu</i>
smallmouth buffalo	<i>Ictiobus bubalus</i>
channel catfish	<i>Ictalurus punctatus</i>
common carp	<i>Cyprinus carpio</i>
crawfish	<i>Procambarus sp.</i>
flathead catfish	<i>Pylodictis olivaris</i>
freshwater drum	<i>Aplodinotus grunniens</i>
gizzard shad	<i>Dorosoma cepedianum</i>
grass carp	<i>Ctenopharyngodon idella</i>
grass shrimp	<i>Palaemonetes pugio</i>
gray snapper	<i>Lutjanus griseus</i>
Gulf menhaden	<i>Brevoortia patronus</i>
Gulf sturgeon	<i>Acipenser oxyrinchus desotoi</i>
hardhead catfish	<i>Ariopsis felis</i>
inland silverside	<i>Menidia beryllina</i>
lane snapper	<i>Lutjanus synagris</i>
largemouth bass	<i>Micropterus salmoides</i>
least killifish	<i>Heterandria formosa</i>
longnose gar	<i>Lepisosteus osseus</i>
mosquitofish	<i>Gambusia affinis</i>
mud crab	<i>Eurypanopeus depressus</i>
mysid shrimp	<i>Mysidopsis bahia</i>
paddlefish	<i>Polyodon spathula</i>
pallid sturgeon	<i>Scaphirhynchus albus</i>
pink shrimp	<i>Farfantepenaeus duorarum</i>
rainwater killifish	<i>Lucania parva</i>
redeer sunfish	<i>Lepomis microlophus</i>
redfish/ red drum	<i>Sciaenops ocellatus</i>
ribbed mussel	<i>Geukensia demissa</i>
Rio Grande cichlid	<i>Cichlasoma cyanoguttatum</i>
roughneck shrimp	<i>Trachypenaeus constrictis</i>
saltwater topminnow	<i>Fundulus jenkinsi</i>
sand seatrout	<i>Cynoscion arenarius</i>
sailfin molly	<i>Poecilia latipinna</i>
sheepshead	<i>Archosargus probatocephalus</i>
sheepshead minnow	<i>Cyprinodon variegatus</i>

shortnose gar	<i>Lepisosteus platostomus</i>
shovelnose sturgeon	<i>Scaphirhynchus platyrhynchus</i>
southern flounder	<i>Paralichthys lethostigma</i>
southern kingfish	<i>Menticirrhus americanus</i>
Spanish mackerel	<i>Scomberomorus maculatus</i>
spot	<i>Leiostomus xanthurus</i>
spotted gar	<i>Lepisosteus oculatus</i>
spotted seatrout	<i>Cynoscion nebulosus</i>
striped mullet	<i>Mugil cephalus</i>
warmouth	<i>Lepomis gulosus</i>
white crappie	<i>Pomoxis annularis</i>
white shrimp	<i>Litopenaeus setiferus</i>
yellow bass	<i>Morone mississippiensis</i>
yellow bullhead	<i>Ameiurus natalis</i>
zebra mussel	<i>Dreissena polymorpha</i>
silver carp	<i>Hypophthalmichthys molitrix</i>