



Coastal Protection and Restoration Authority
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2017 Coastal Master Plan

Attachment A7: Project Uncertainty Factors



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Coastal Protection and Restoration Authority

This document was prepared in support of the 2017 Coastal Master Plan being prepared by the Coastal Protection and Restoration Authority (CPRA). CPRA was established by the Louisiana Legislature in response to Hurricanes Katrina and Rita through Act 8 of the First Extraordinary Session of 2005. Act 8 of the First Extraordinary Session of 2005 expanded the membership, duties, and responsibilities of CPRA and charged the new authority to develop and implement a comprehensive coastal protection plan, consisting of a master plan (revised every five years) and annual plans. CPRA's mandate is to develop, implement, and enforce a comprehensive coastal protection and restoration master plan.

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Attachment A7: Project Uncertainty Factors

Project ID	Project Type	Project Name	Uncertainty Factor
004.BS.01	Bank Stabilization	Grand Lake Bank Stabilization	65%
004.BS.02	Bank Stabilization	West Cove Bank Stabilization	54%
004.BS.05	Bank Stabilization	Sabine Lake Bank Stabilization	65%
03a.BS.100	Bank Stabilization	Leeville Bank Stabilization	58%
002.BH.04	Barrier Island	Barataria Pass to Sandy Point Barrier Island Restoration	14%
002.BH.05	Barrier Island	Belle Pass to Caminada Pass Barrier Island Restoration	8%
03a.BH.03	Barrier Island	Isles Dernieres Barrier Island Restoration	16%
03a.BH.04	Barrier Island	Timbalier Islands Barrier Island Restoration	18%
001.DI.02	Diversions	Lower Breton Diversion (50,000 cfs)	48%
001.DI.17	Diversions	Upper Breton Diversion (250,000 cfs)	68%
001.DI.18	Diversions	Central Wetlands Diversion (5,000 cfs)	51%
001.DI.21	Diversions	East Maurepas Diversion (2,000 cfs)	13%
001.DI.23	Diversions	Mid-Breton Sound Diversion (35,000 cfs)	51%
001.DI.29	Diversions	West Maurepas Diversion (3,000 cfs)	48%
001.DI.100	Diversions	Manchac Landbridge Diversion (2,000 cfs)	48%
001.DI.101	Diversions	Ama Diversion (50,000 cfs)	51%
001.DI.102	Diversions	Union Diversion (25,000 cfs)	54%
001.DI.103	Diversions	Upper Breton Diversion (75,000 cfs)	60%
001.DI.104	Diversions	Mid-Breton Sound Diversion (35,000 cfs)	51%
002.DI.03	Diversions	Mid-Barataria Diversion (75,000 cfs)	36%
002.DI.03a	Diversions	Mid-Barataria Diversion (250,000 cfs- Incremental)	68%
002.DI.15	Diversions	Lower Barataria Diversion (50,000 cfs)	39%
002.DI.100	Diversions	Mid-Barataria Diversion (35,000-75,000 cfs)	36%
002.DI.101	Diversions	Mid-Barataria Diversion (75,000 cfs, 5,000 cfs minimum)	36%
002.DI.102	Diversions	Mid-Barataria Diversion (75,000 cfs, no flow under 200,000 cfs)	36%
03a.DI.01	Diversions	Bayou Lafourche Diversion (1,000 cfs)	45%
03a.DI.05	Diversions	Atchafalaya Diversion (30,000 cfs)	54%
03b.DI.04	Diversions	Increase Atchafalaya Flow to Terrebonne (20,000 cfs)	42%
001.HR.100	Hydrologic Restoration	Labranche Hydrologic Restoration	51%
004.HR.06	Hydrologic Restoration	Calcasieu Ship Channel-Gulf Salinity Control Structure	58%

Project ID	Project Type	Project Name	Uncertainty Factor
03a.HR.02	Hydrologic Restoration	Central Terrebonne Hydrologic Restoration	48%
03a.HR.100	Hydrologic Restoration	Grand Bayou Hydrologic Restoration	51%
001.MC.02	Marsh Creation	Hopedale Marsh Creation	20%
001.MC.05	Marsh Creation	New Orleans East Landbridge Restoration	18%
001.MC.06a	Marsh Creation	Breton Marsh Creation Component A	21%
001.MC.07a	Marsh Creation	Lake Borgne Marsh Creation Component A	20%
001.MC.08a	Marsh Creation	Central Wetlands Marsh Creation Component A	20%
001.MC.09	Marsh Creation	Biloxi Marsh Creation	23%
001.MC.13	Marsh Creation	Golden Triangle Marsh Creation	20%
001.MC.17	Marsh Creation	Eastern Lake Borgne Marsh Creation	23%
001.MC.100	Marsh Creation	Sunrise Point Marsh Creation	19%
001.MC.101	Marsh Creation	Uhlan bay Marsh Creation	19%
001.MC.102	Marsh Creation	Pt. a la Hache Marsh Creation	23%
001.MC.103	Marsh Creation	Fritchie North Marsh Creation	20%
001.MC.104	Marsh Creation	East Bank Land Bridge Marsh Creation	22%
001.MC.105	Marsh Creation	Spanish Lake Marsh Creation	24%
001.MC.106	Marsh Creation	St. Tammany Marsh Creation	18%
001.MC.107	Marsh Creation	Tiger Ridge/Maple Knoll Marsh Creation	24%
001.MC.108	Marsh Creation	Guste Island Marsh Creation	28%
002.MC.04a	Marsh Creation	Lower-Barataria Marsh Creation Component A	14%
002.MC.05e	Marsh Creation	Large-Scale Barataria Marsh Creation Component E	9%
002.MC.07	Marsh Creation	Barataria Bay Rim Marsh Creation	29%
002.MC.08	Marsh Creation	North Caminada Marsh Creation	19%
002.MC.100	Marsh Creation	North Barataria Bay Marsh Creation	18%
004.MC.01	Marsh Creation	South Grand Chenier Marsh Creation	12%
004.MC.04	Marsh Creation	Mud Lake Marsh Creation	22%
004.MC.07	Marsh Creation	West Rainey Marsh Creation	20%
004.MC.10	Marsh Creation	Southeast Calcasieu Lake Marsh Creation	13%
004.MC.13	Marsh Creation	Cameron Meadows Marsh Creation	7%
004.MC.16	Marsh Creation	East Pecan Island Marsh Creation	20%
004.MC.19	Marsh Creation	East Calcasieu Lake Marsh Creation	13%
004.MC.23	Marsh Creation	Calcasieu Ship Channel Marsh Creation	12%

Project ID	Project Type	Project Name	Uncertainty Factor
004.MC.25	Marsh Creation	Kelso Bayou Marsh Creation	16%
004.MC.100	Marsh Creation	Freshwater Bayou North Marsh Creation	13%
004.MC.101	Marsh Creation	Freshwater Bayou South Marsh Creation	13%
004.MC.102	Marsh Creation	White Lake Marsh Creation	23%
004.MC.103	Marsh Creation	Little Cheniere Marsh Creation	23%
004.MC.104	Marsh Creation	Calcasieu Lake West Bank Marsh Creation	16%
004.MC.105	Marsh Creation	West Brown Lake Marsh Creation	23%
004.MC.106	Marsh Creation	Cameron Meadows Marsh Creation	13%
004.MC.107	Marsh Creation	West Sabine Refuge Marsh Creation	22%
03a.MC.07	Marsh Creation	Belle Pass-Golden Meadow Marsh Creation	16%
03a.MC.09b	Marsh Creation	North Terrebonne Bay Marsh Creation Component B	26%
03a.MC.100	Marsh Creation	South Terrebonne Marsh Creation	19%
03a.MC.101	Marsh Creation	North Lake Mechant Marsh Creation	13%
03b.MC.03	Marsh Creation	Marsh Island Marsh Creation	19%
03b.MC.07	Marsh Creation	East Rainey Marsh Creation	18%
03b.MC.09	Marsh Creation	Point Au Fer Island Marsh Creation	16%
03b.MC.100	Marsh Creation	Vermillion Bay Marsh Creation	22%
03b.MC.101	Marsh Creation	Southeast Marsh Island Marsh Creation	14%
001.OR.01a	Oyster Barrier Reef	Biloxi Marsh Oyster Barrier Reef Component A	54%
001.OR.100	Oyster Barrier Reef	North Biloxi Marsh Oyster Barrier Reef Restoration	47%
001.RC.01	Ridge Restoration	Bayou LaLoutre Ridge Restoration	53%
001.RC.100	Ridge Restoration	Bayou Terre aux Boeufs Ridge Restoration	61%
001.RC.102	Ridge Restoration	Bayou aux Chene Ridge Restoration	68%
001.RC.103	Ridge Restoration	Carlisle Ridge Restoration	64%
002.RC.01	Ridge Restoration	Bayou Long Ridge Restoration	64%
002.RC.02	Ridge Restoration	Spanish Pass Ridge Restoration	64%
002.RC.100	Ridge Restoration	Red Pass Ridge Restoration	53%
002.RC.101	Ridge Restoration	Adams Bay Ridge Restoration	57%
002.RC.102	Ridge Restoration	Bayou Eau Noir Ridge Restoration	53%
002.RC.103	Ridge Restoration	Grand Bayou Ridge Restoration	53%
004.RC.01	Ridge Restoration	Grand Chenier Ridge Restoration	49%
004.RC.02	Ridge Restoration	Cheniere au Tigre Ridge Restoration	61%

Project ID	Project Type	Project Name	Uncertainty Factor
004.RC.03	Ridge Restoration	Pecan Island Ridge Restoration	49%
004.RC.05	Ridge Restoration	Front Ridge Restoration	57%
03a.RC.01	Ridge Restoration	Bayou DeCade Ridge Restoration	37%
03a.RC.02	Ridge Restoration	Bayou Dularge Ridge Restoration	72%
03a.RC.03	Ridge Restoration	Small Bayou LaPointe Ridge Restoration	49%
03a.RC.04	Ridge Restoration	Mauvais Bois Ridge Restoration	57%
03a.RC.05	Ridge Restoration	Bayou Terrebonne Ridge Restoration	49%
03a.RC.06	Ridge Restoration	Bayou Pointe aux Chenes Ridge Restoration	61%
001.SP.01	Shoreline Protection	Manchac Shoreline Protection	21%
001.SP.03	Shoreline Protection	Eastern Lake Borgne Shoreline Protection	28%
001.SP.04	Shoreline Protection	MRGO Shoreline Protection	30%
001.SP.05	Shoreline Protection	East New Orleans Land Bridge Shoreline Protection	32%
001.SP.100	Shoreline Protection	Breton Sound Shoreline Protection	42%
001.SP.101	Shoreline Protection	Unknown Pass to Rigolets Shoreline Protection	27%
001.SP.102	Shoreline Protection	North Lake Pontchartrain Shoreline Protection	32%
001.SP.103	Shoreline Protection	Northeast Lake Pontchartrain Shoreline Protection	23%
001.SP.104	Shoreline Protection	LaBranche Wetlands Shoreline Protection	21%
002.SP.100	Shoreline Protection	Lake Hermitage Shoreline Protection	21%
002.SP.101	Shoreline Protection	Fifi Island Shoreline Protection	21%
002.SP.102	Shoreline Protection	East Snail Bay Shoreline Protection	32%
002.SP.103	Shoreline Protection	West Snail Bay Shoreline Protection	32%
002.SP.104	Shoreline Protection	South Little Lake Shoreline Protection	32%
002.SP.105	Shoreline Protection	North Little Lake Shoreline Protection	28%
002.SP.106	Shoreline Protection	Bayou Perot Shoreline Protection	27%
002.SP.107	Shoreline Protection	South Lake Salvador Shoreline Protection	32%
002.SP.108	Shoreline Protection	Lake Salvador Shoreline Protection	28%
002.SP.109	Shoreline Protection	Lac Des Allemands Shoreline Protection	21%
004.SP.02	Shoreline Protection	Schooner Bayou Canal Shoreline Protection	28%
004.SP.03	Shoreline Protection	Freshwater Bayou Canal Shoreline Protection	21%
004.SP.05a	Shoreline Protection	Gulf Shoreline Protection (Calcasieu River to Rockefeller)	32%
004.SP.07	Shoreline Protection	Northeast White Lake Shoreline Protection	30%
004.SP.08	Shoreline Protection	Calcasieu-Sabine Shoreline Protection Component A	34%

Project ID	Project Type	Project Name	Uncertainty Factor
004.SP.100	Shoreline Protection	White Lake Shoreline Protection	36%
004.SP.102	Shoreline Protection	Sabine Pass Shoreline Protection	34%
03a.SP.100	Shoreline Protection	North Lake Boudreaux Shoreline Protection	30%
03b.SP.01	Shoreline Protection	Freshwater Bayou Bank Stabilization (Belle Isle Canal to Lock)	21%
03b.SP.05	Shoreline Protection	Gulf Shoreline Protection (Freshwater Bayou to Southwest Pass)	36%
03b.SP.06a	Shoreline Protection	Vermilion-West Cote Blanche Bay Shoreline Protection (Critical Areas)	42%
03b.SP.08	Shoreline Protection	Southwest Pass Shoreline Protection (West Side)	32%
03b.SP.100	Shoreline Protection	Lost Lake Shoreline Protection	25%
03b.SP.101	Shoreline Protection	Southeast Marsh Island Shoreline Protection	30%
001.HP.04	Structural Protection	Greater New Orleans High Level	41%
001.HP.05	Structural Protection	West Shore Lake Pontchartrain	50%
001.HP.08	Structural Protection	Lake Pontchartrain Barrier	46%
001.HP.13	Structural Protection	Slidell Ring Levees	41%
002.HP.06	Structural Protection	Upper Barataria Risk Reduction	50%
002.HP.07	Structural Protection	Lafitte Ring Levee	50%
002.HP.100	Structural Protection	Fort Jackson to Venice	34%
002.HP.101	Structural Protection	St. Jude to City Price	32%
002.HP.102	Structural Protection	Oakville to LaReussite	30%
004.HP.15	Structural Protection	Abbeville and Vicinity	57%
03a.HP.02b	Structural Protection	Morganza to the Gulf (high)	52%
03a.HP.20	Structural Protection	Larose to Golden Meadow-basic improvement	48%
03a.HP.101	Structural Protection	Larose to Golden Meadow-enhanced improvement	48%
03a.HP.102	Structural Protection	Morganza with LGM enhanced inducements	52%
03a.HP.103	Structural Protection	Morganza with LGM basic inducements	52%
03b.HP.08	Structural Protection	Amelia Levee Improvements 3E	41%
03b.HP.10	Structural Protection	Morgan City Levee Improvements	32%
03b.HP.12	Structural Protection	Franklin and Vicinity	54%
03b.HP.13	Structural Protection	Bayou Chene Floodgate	46%
03b.HP.14	Structural Protection	Iberia/St Mary Upland Levee	54%