

**LOUISIANA COASTAL PROTECTION AND RESTORATION FINAL TECHNICAL REPORT
EVALUATION RESULTS APPENDIX**

Planning Unit 2

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

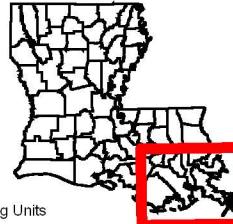
Water Surface Elevations
100-Year Event
2010 Base Conditions

May 2008

Planning Unit 2

Legend

-7	3	13	23
-6	4	14	24
-5	5	15	25
-4	6	16	26
-3	7	17	27
-2	8	18	28
-1	9	19	29
0	10	20	30
1	11	21	LACP R Planning Units
2	12	22	



Miles
4 2 0 4 8 12 16

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Depths
100-Year Event
2010 Base Conditions

May 2008

Planning Unit 2

Legend

0	7	14	21
1	8	15	22
2	9	16	23
3	10	17	24
4	11	18	25
5	12	19	LACPRA Planning Units
6	13	20	



Miles
4 2 0 4 8 12 16

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

**Water Surface Elevations
400-Year Event
2010 Base Conditions**

May 2008

Planning Unit 2

Legend

-7	3	13	23
-6	4	14	24
-5	5	15	25
-4	6	16	26
-3	7	17	27
-2	8	18	28
-1	9	19	29
0	10	20	30
1	11	21	LACPR Planning Units
2	12	22	



Miles
4 2 0 4 8 12 16

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Depths
400-Year Event
2010 Base Conditions

May 2008

Planning Unit 2

Legend

0	7	14	21
1	8	15	22
2	9	16	23
3	10	17	24
4	11	18	25
5	12	19	LACPRA Planning Units
6	13	20	



Miles
4 2 0 4 8 12 16

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Surface Elevations
1000-Year Event
2010 Base Conditions

May 2008

Planning Unit 2

Legend

-7	3	13	23
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Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Depths
1000-Year Event
2010 Base Conditions

May 2008

Planning Unit 2

Legend

0	7	14	21
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2	9	16	23
3	10	17	24
4	11	18	25
5	12	19	LACP R Planning Units
6	13	20	



Miles
4 2 0 4 8 12 16

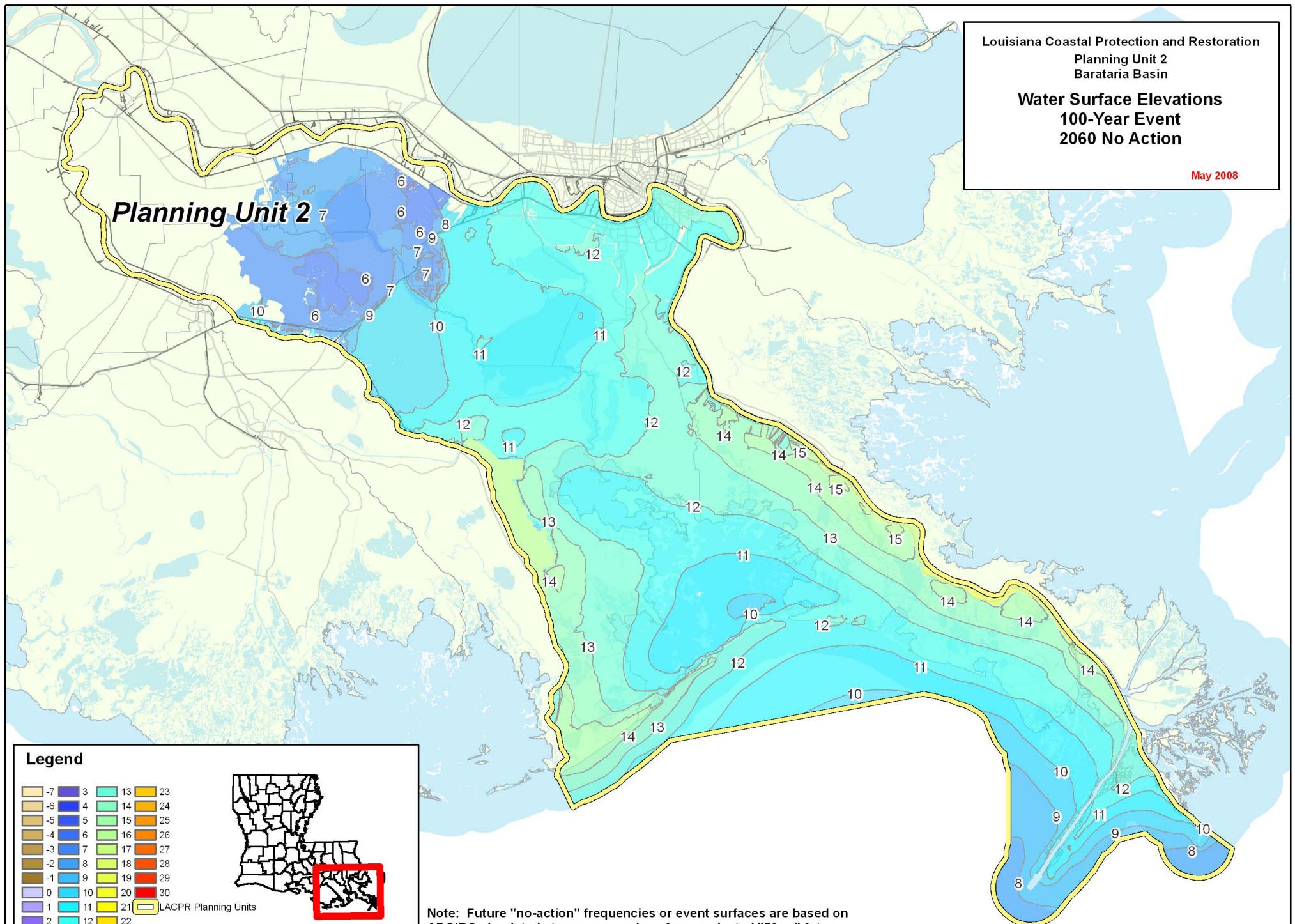
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Surface Elevations
100-Year Event
2060 No Action

May 2008

Planning Unit 2



Miles
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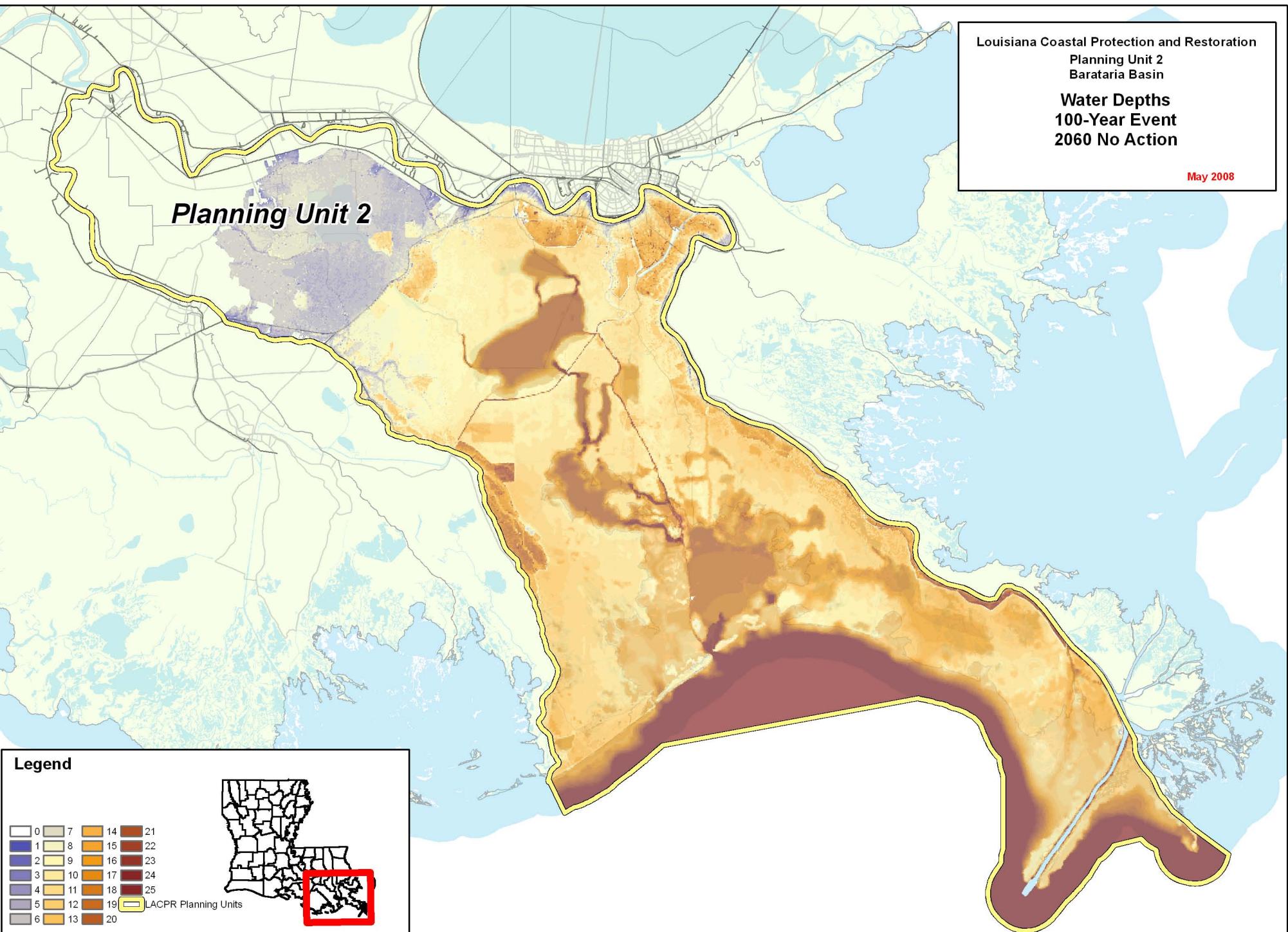
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Depths
100-Year Event
2060 No Action

May 2008

Planning Unit 2



Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

**Water Surface Elevations
400-Year Event
2060 No Action**

May 2008

Planning Unit 2

Legend

-7	3	13	23
-6	4	14	24
-5	5	15	25
-4	6	16	26
-3	7	17	27
-2	8	18	28
-1	9	19	29
0	10	20	30
1	11	21	LACPR Planning Units
2	12	22	



Miles
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Note: Future "no-action" frequencies or event surfaces are based on ADCIRC simulated storm surge values for a projected "50-yr" future coast based on no additional coastal restoration. Statistical surfaces shown include the added effects of relative sea level rise, i.e. eustatic plus local subsidence.

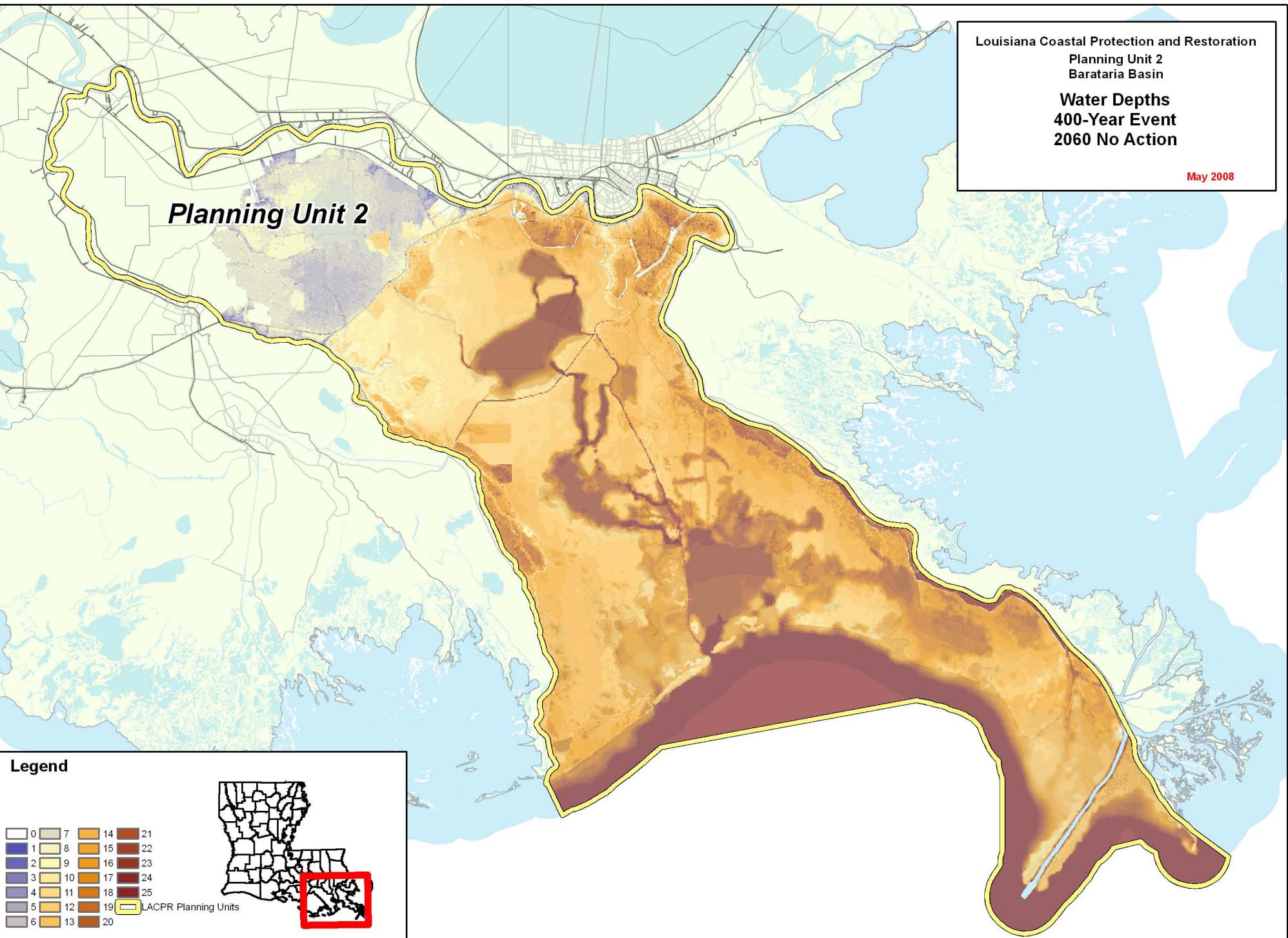
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Depths
400-Year Event
2060 No Action

May 2008

Planning Unit 2



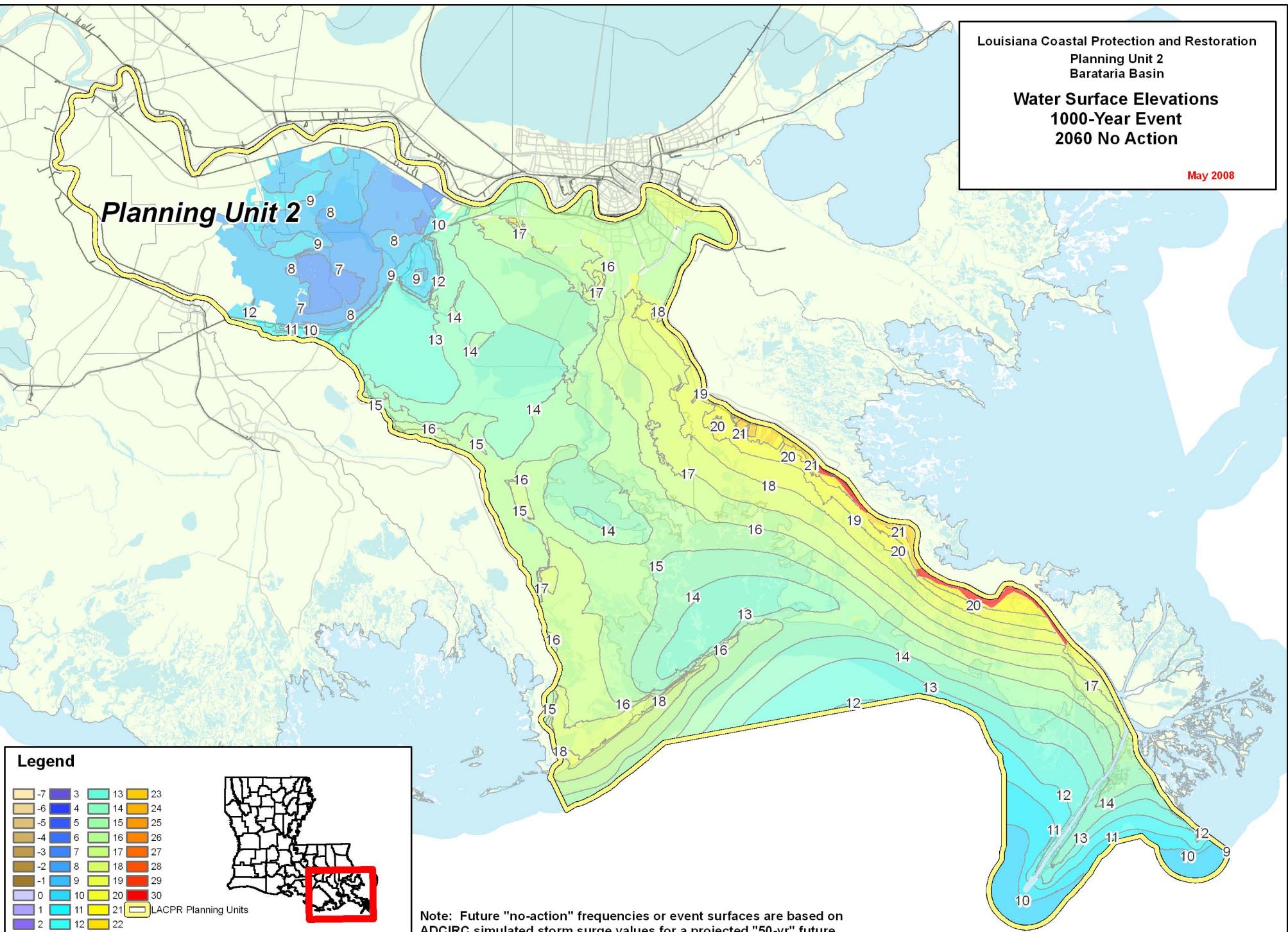
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Surface Elevations
1000-Year Event
2060 No Action

May 2008

Planning Unit 2



Miles
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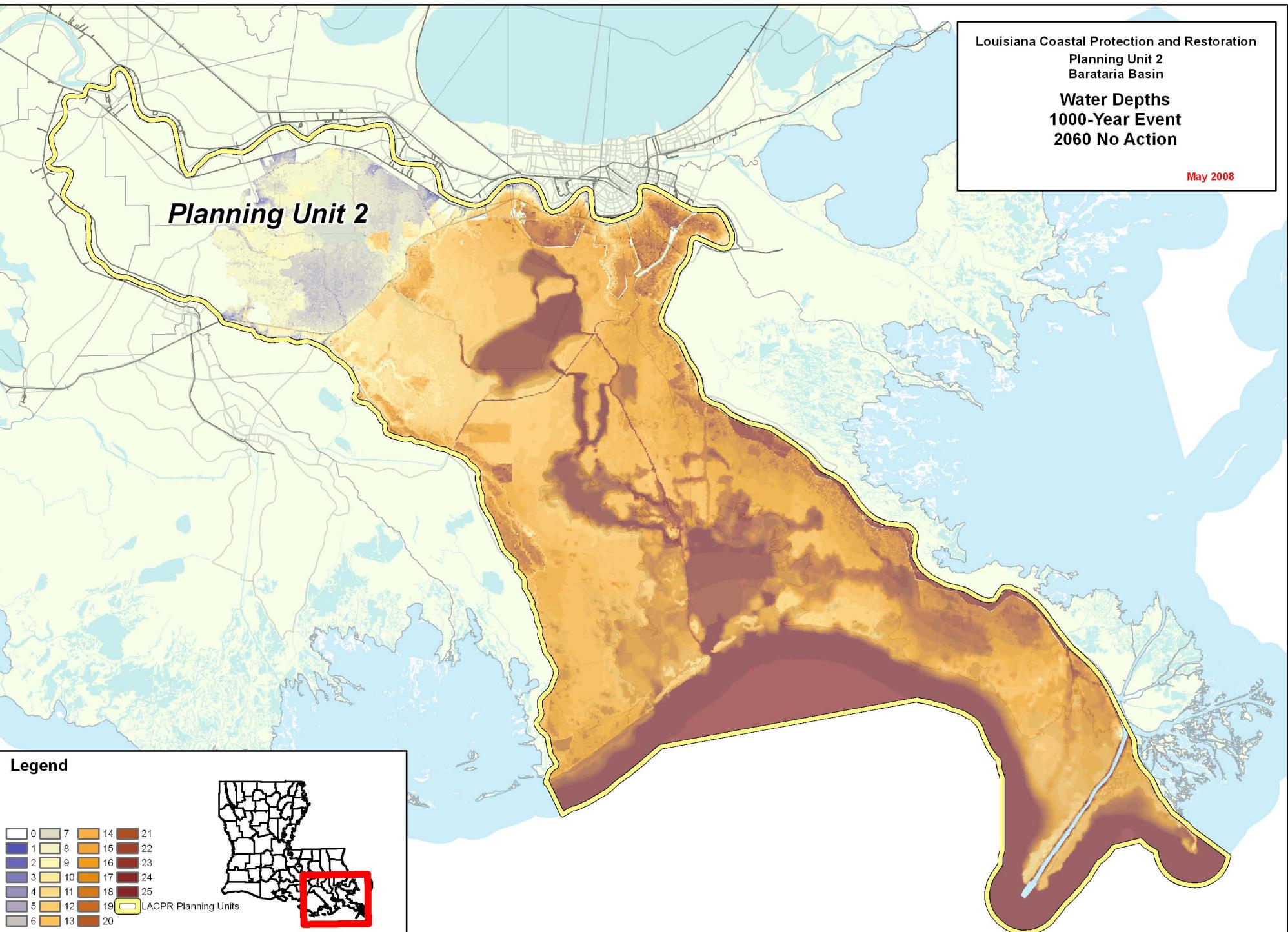
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

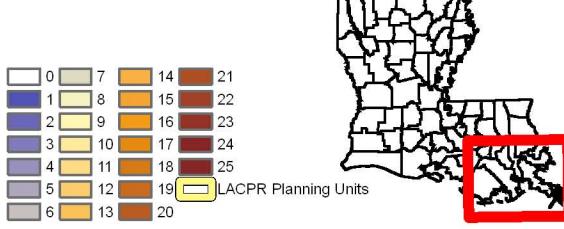
Water Depths
1000-Year Event
2060 No Action

May 2008

Planning Unit 2



Legend



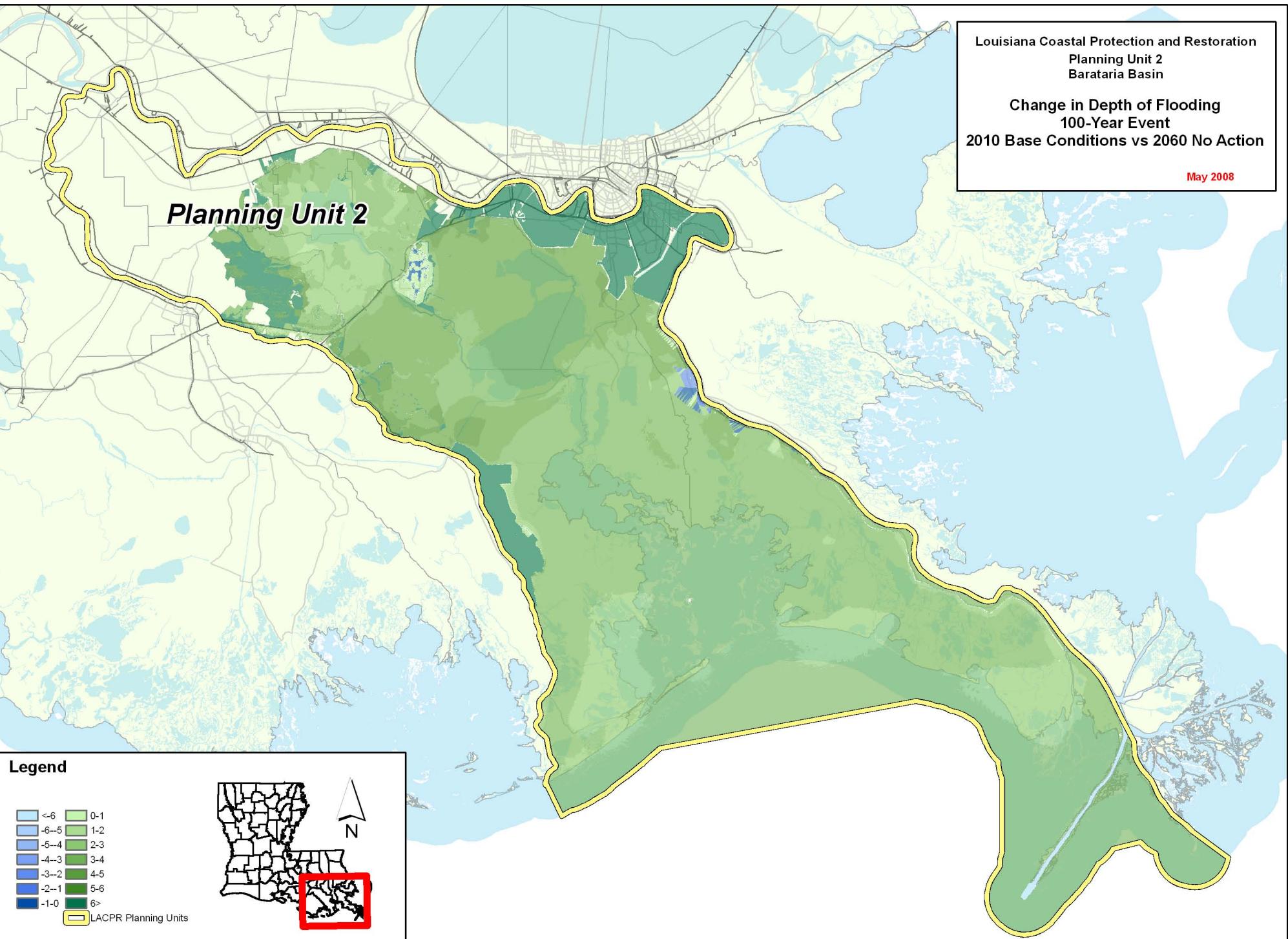
Miles
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Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Change in Depth of Flooding
100-Year Event
2010 Base Conditions vs 2060 No Action

May 2008

Planning Unit 2

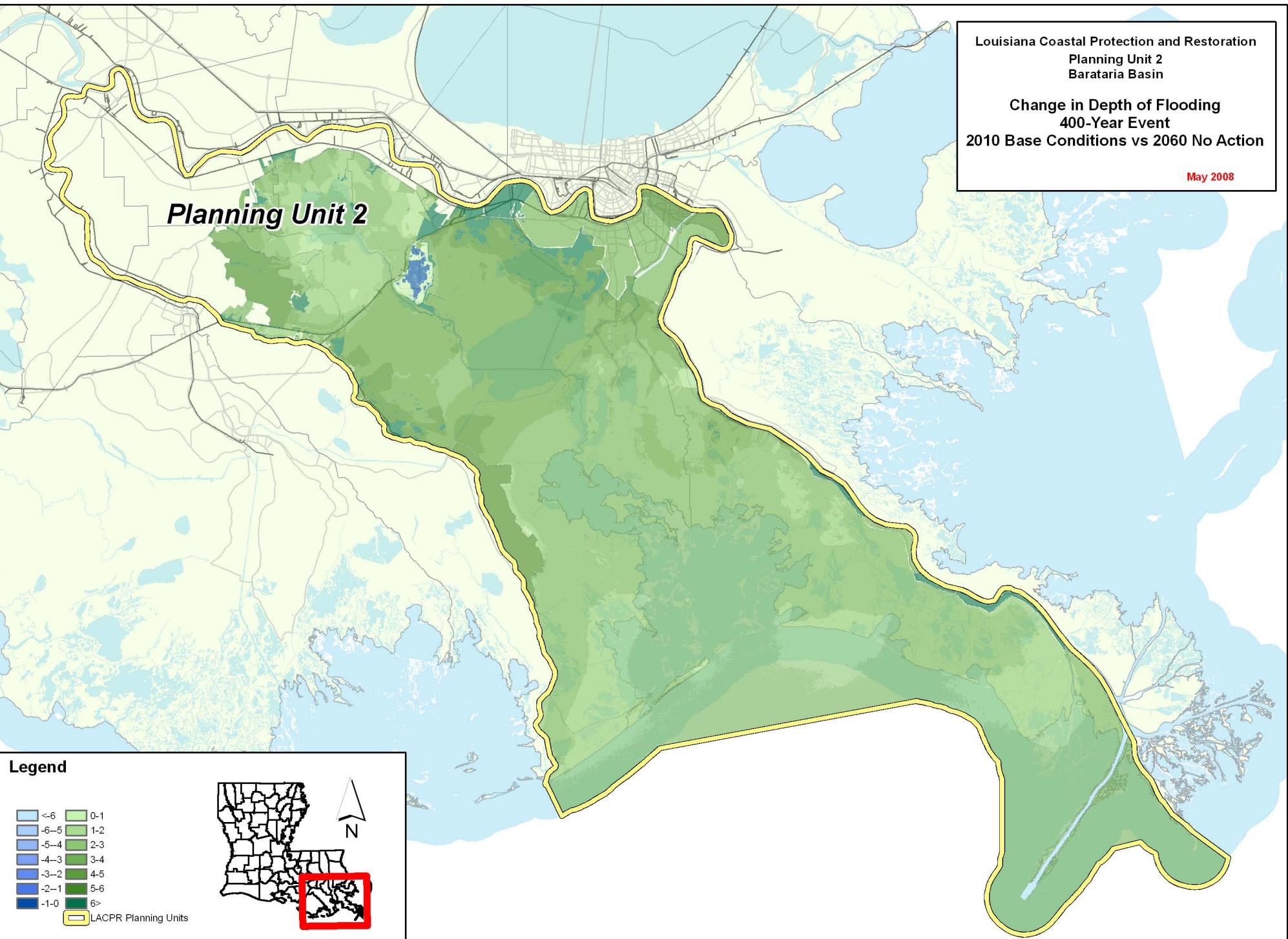


Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Change in Depth of Flooding
400-Year Event
2010 Base Conditions vs 2060 No Action

May 2008

Planning Unit 2

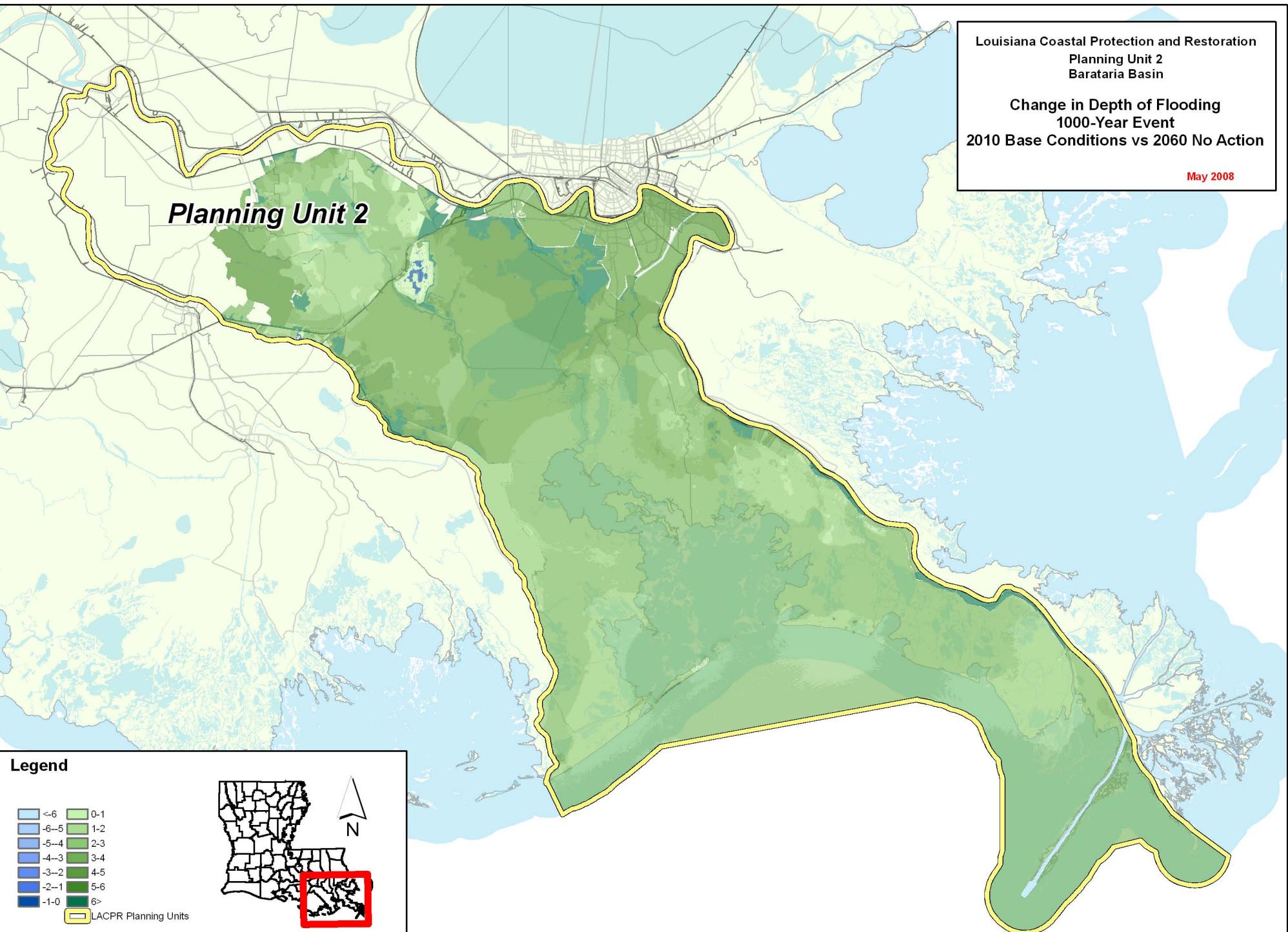


Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Change in Depth of Flooding
1000-Year Event
2010 Base Conditions vs 2060 No Action

May 2008

Planning Unit 2



Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

**Water Surface Elevations
100-Year Event
2060 Maintain**

May 2008

Planning Unit 2

Legend

-7	3	13	23
-6	4	14	24
-5	5	15	25
-4	6	16	26
-3	7	17	27
-2	8	18	28
-1	9	19	29
0	10	20	30
1	11	21	LACP R Planning Units
2	12	22	



Miles
4 2 0 4 8 12 16

Note: Future "maintain coast" frequencies or event surfaces are based on ADCIRC simulated storm surge values for the base coastline. Statistical surfaces shown include the added effects of relative sea level rise, i.e. eustatic plus local subsidence.

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

**Water Surface Elevations
400-Year Event
2060 Maintain**

May 2008

Planning Unit 2

Legend

-7	3	13	23
-6	4	14	24
-5	5	15	25
-4	6	16	26
-3	7	17	27
-2	8	18	28
-1	9	19	29
0	10	20	30
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Miles
4 2 0 4 8 12 16

Note: Future "maintain coast" frequencies or event surfaces are based on ADCIRC simulated storm surge values for the base coastline. Statistical surfaces shown include the added effects of relative sea level rise, i.e. eustatic plus local subsidence.

Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Water Surface Elevations
1000-Year Event
2060 Maintain

May 2008

Planning Unit 2

Legend

-7	3	13	23
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Miles
4 2 0 4 8 12 16

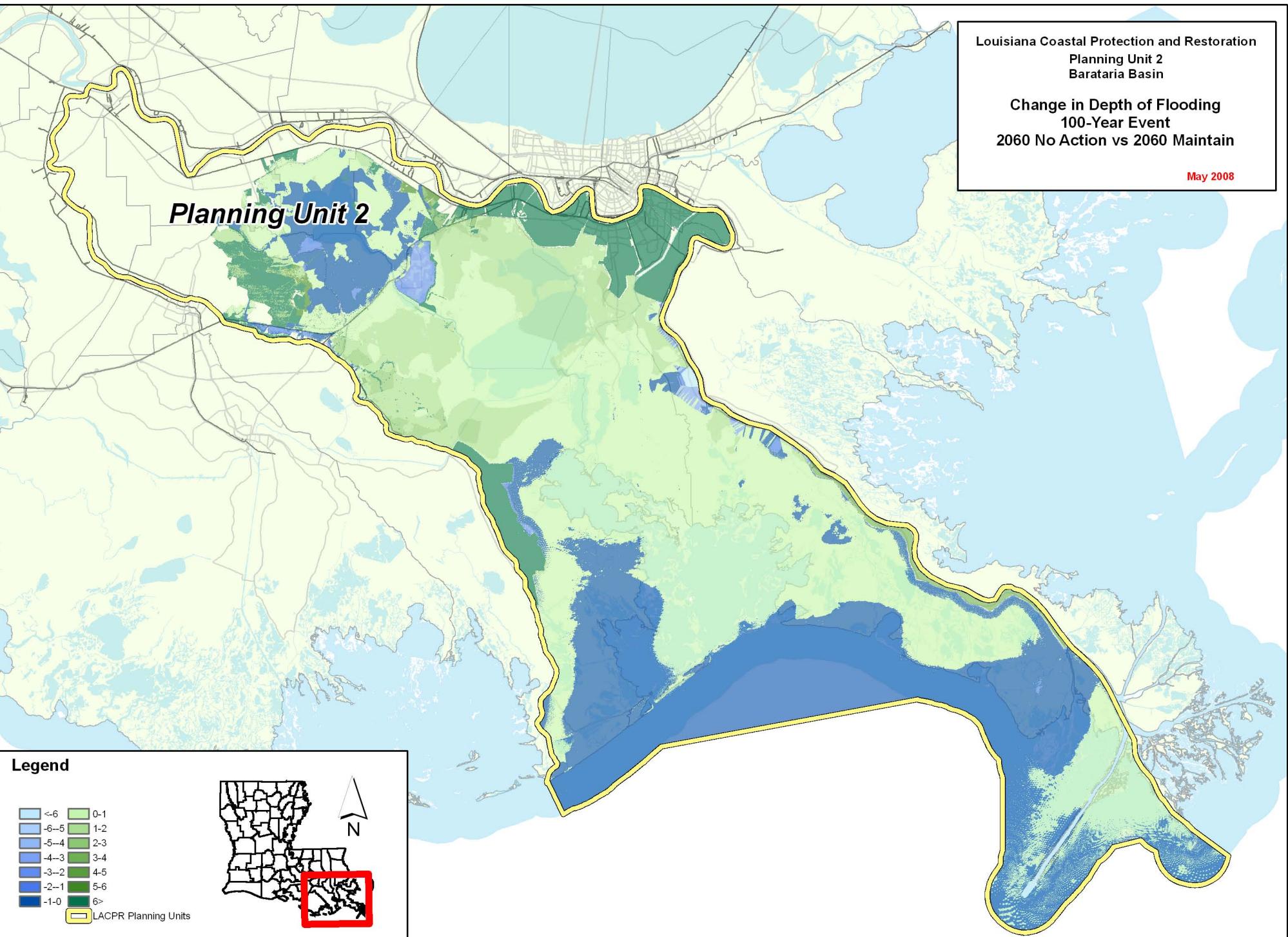
Note: Future "maintain coast" frequencies or event surfaces are based on ADCIRC simulated storm surge values for the base coastline. Statistical surfaces shown include the added effects of relative sea level rise, i.e. eustatic plus local subsidence.

Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Change in Depth of Flooding
100-Year Event
2060 No Action vs 2060 Maintain

May 2008

Planning Unit 2

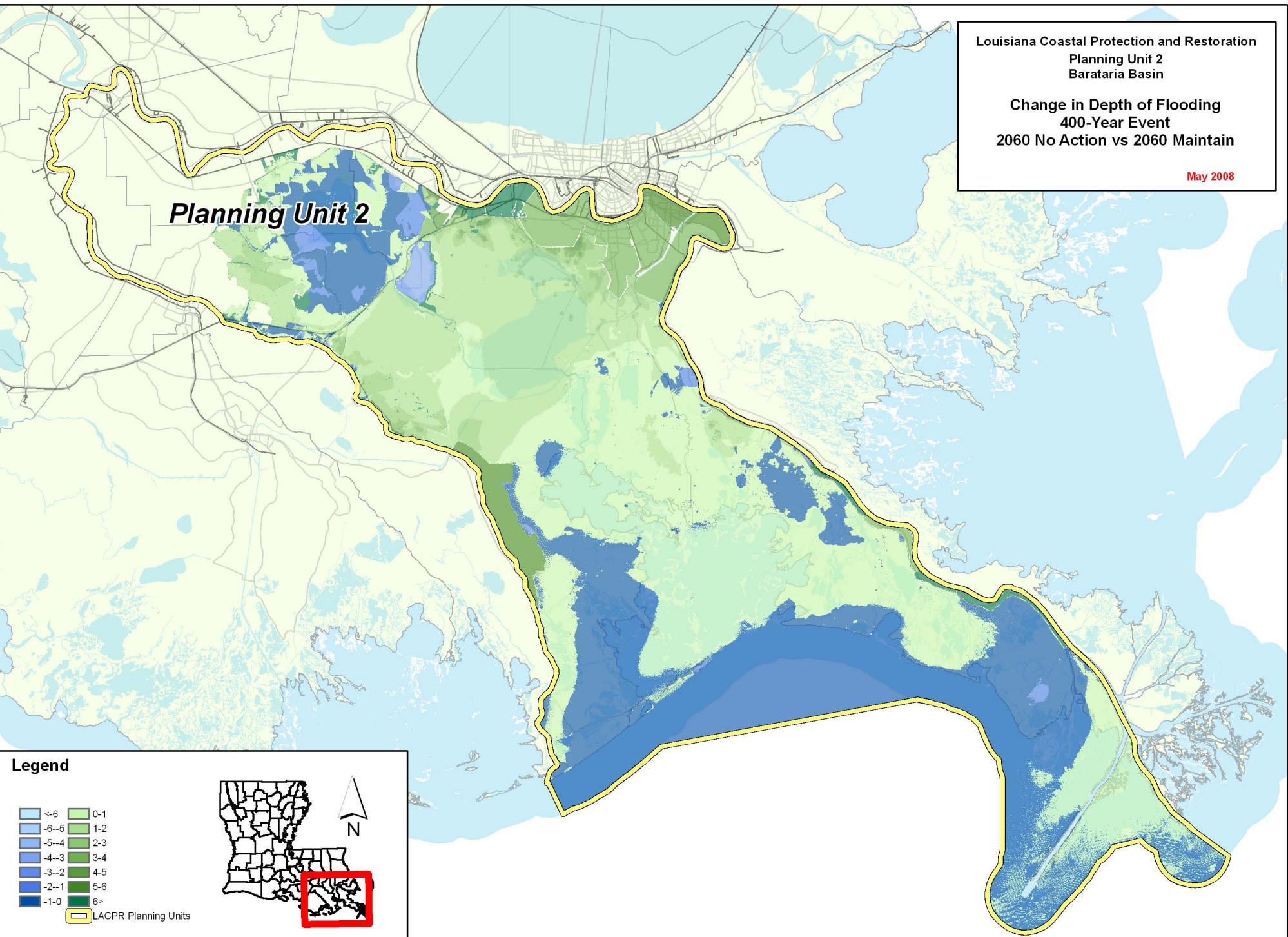


Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Change in Depth of Flooding
400-Year Event
2060 No Action vs 2060 Maintain

May 2008

Planning Unit 2



Louisiana Coastal Protection and Restoration

Planning Unit 2

Barataria Basin

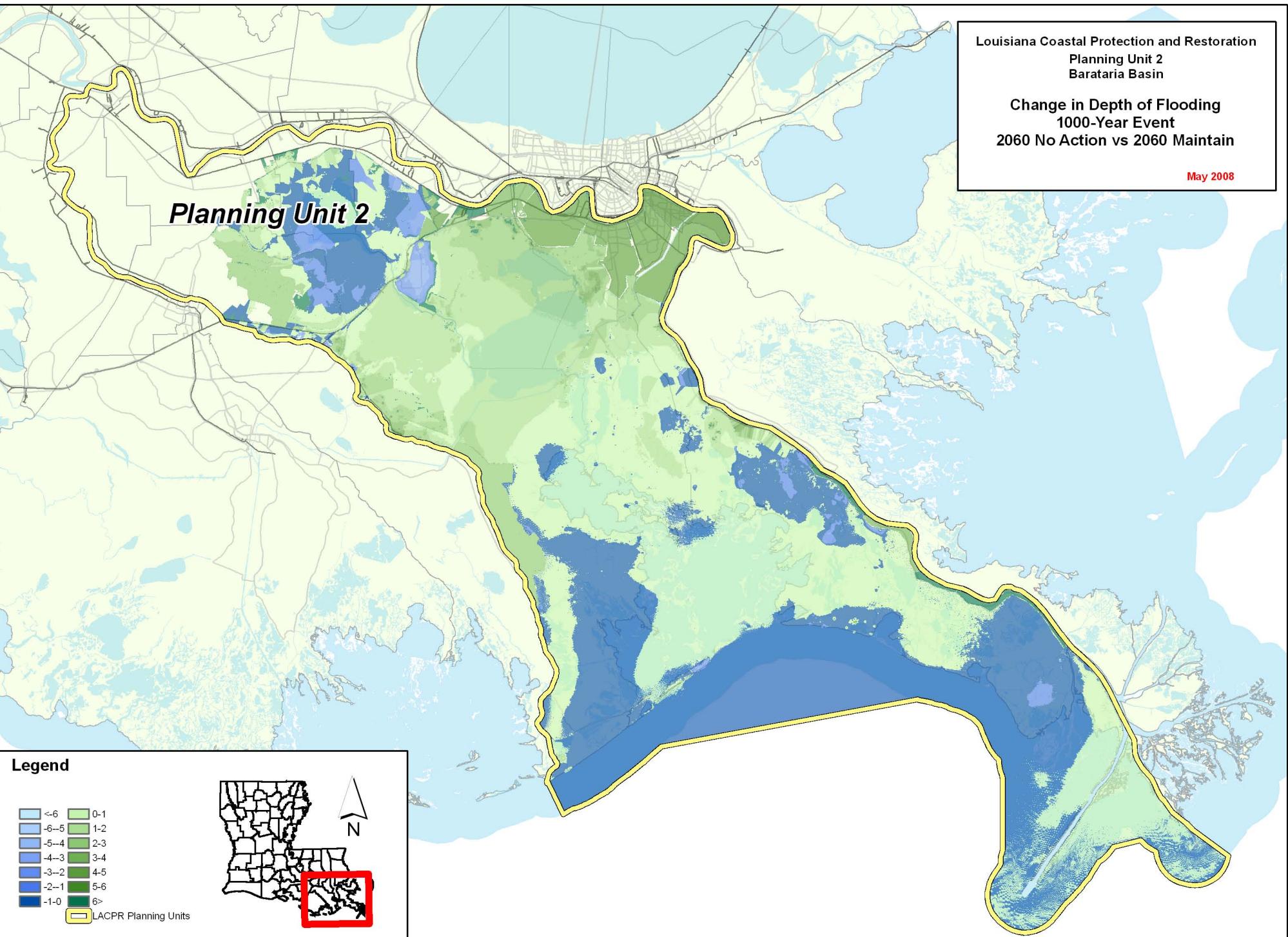
Change in Depth of Flooding

1000-Year Event

2060 No Action vs 2060 Maintain

May 2008

Planning Unit 2



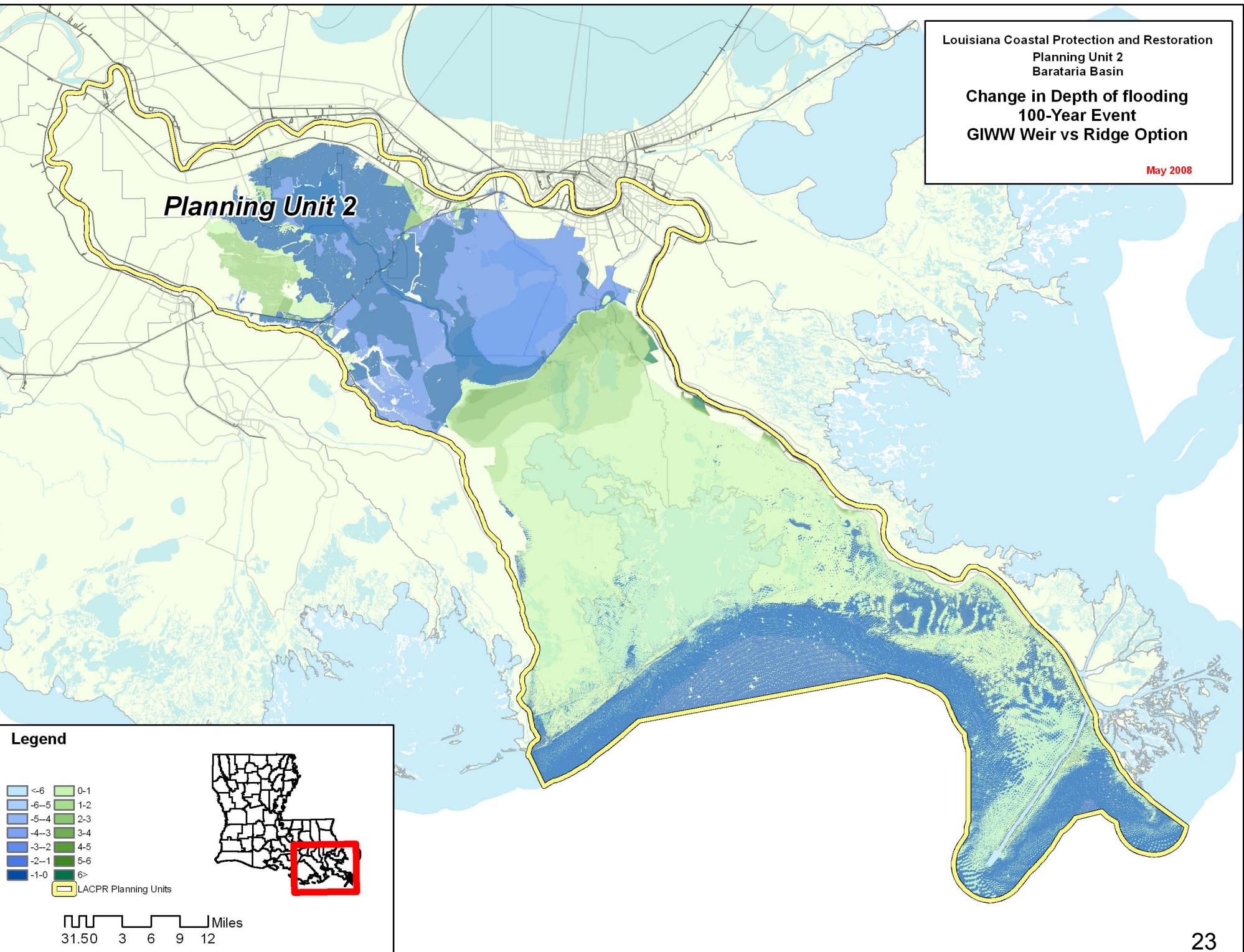
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Change in Depth of flooding
100-Year Event
GIWW Weir vs Ridge Option

May 2008

Planning Unit 2



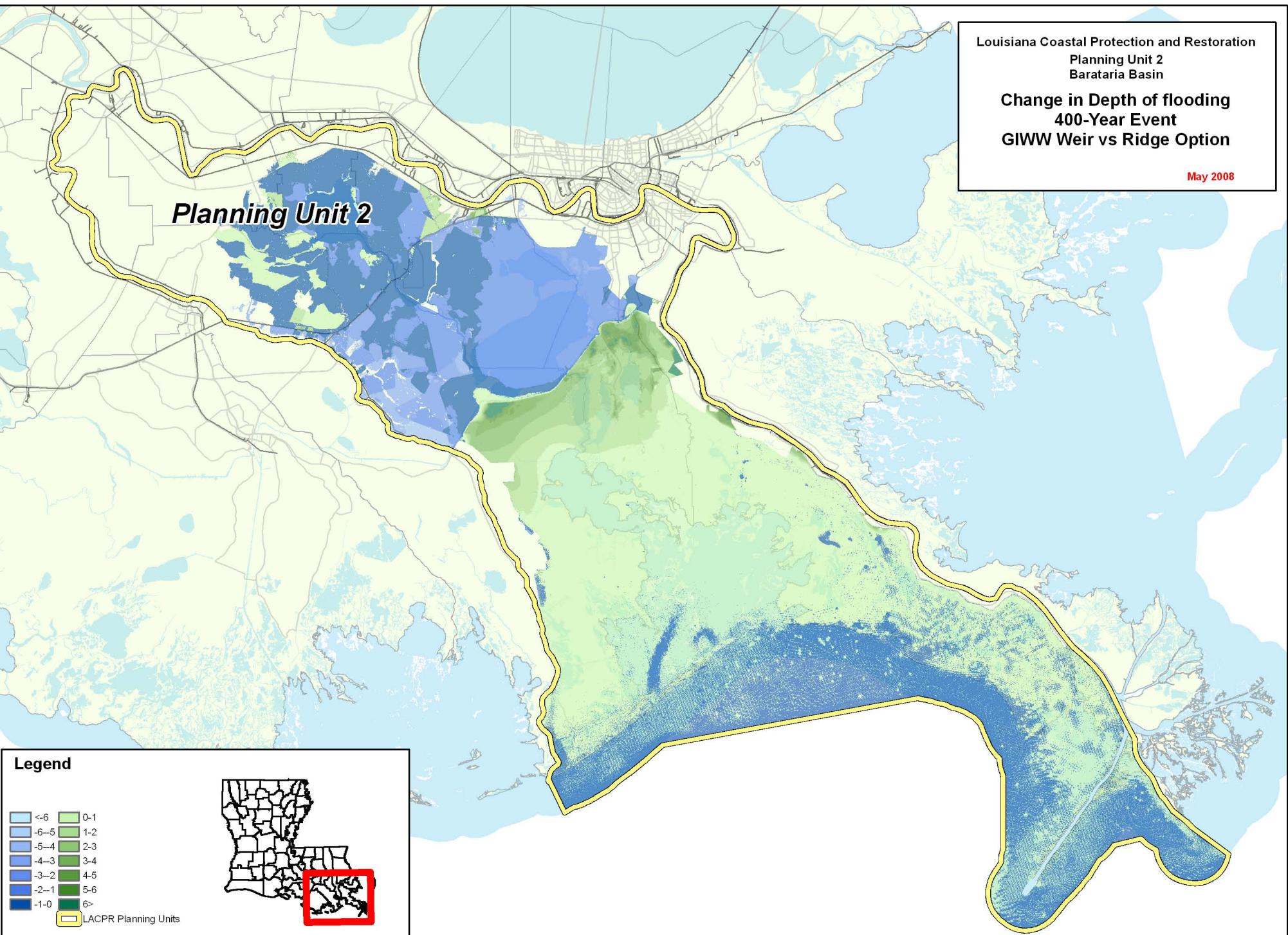
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Change in Depth of flooding
400-Year Event
GIWW Weir vs Ridge Option

May 2008

Planning Unit 2



Legend

Light Blue	Medium Blue	Dark Blue	Dark Green	Medium Green	Light Green	Very Light Green
-6-5	-5-4	-4-3	-3-2	-2-1	-1-0	0-1
Medium Blue	Dark Blue	Dark Green	Medium Green	Light Green	Very Light Green	Yellow
Dark Blue	Medium Green	Light Green	Very Light Green	Yellow	Medium Blue	Light Blue
Very Dark Blue	Medium Green	Light Green	Very Light Green	Yellow	Medium Blue	Light Blue



Miles
31.50 3 6 9 12

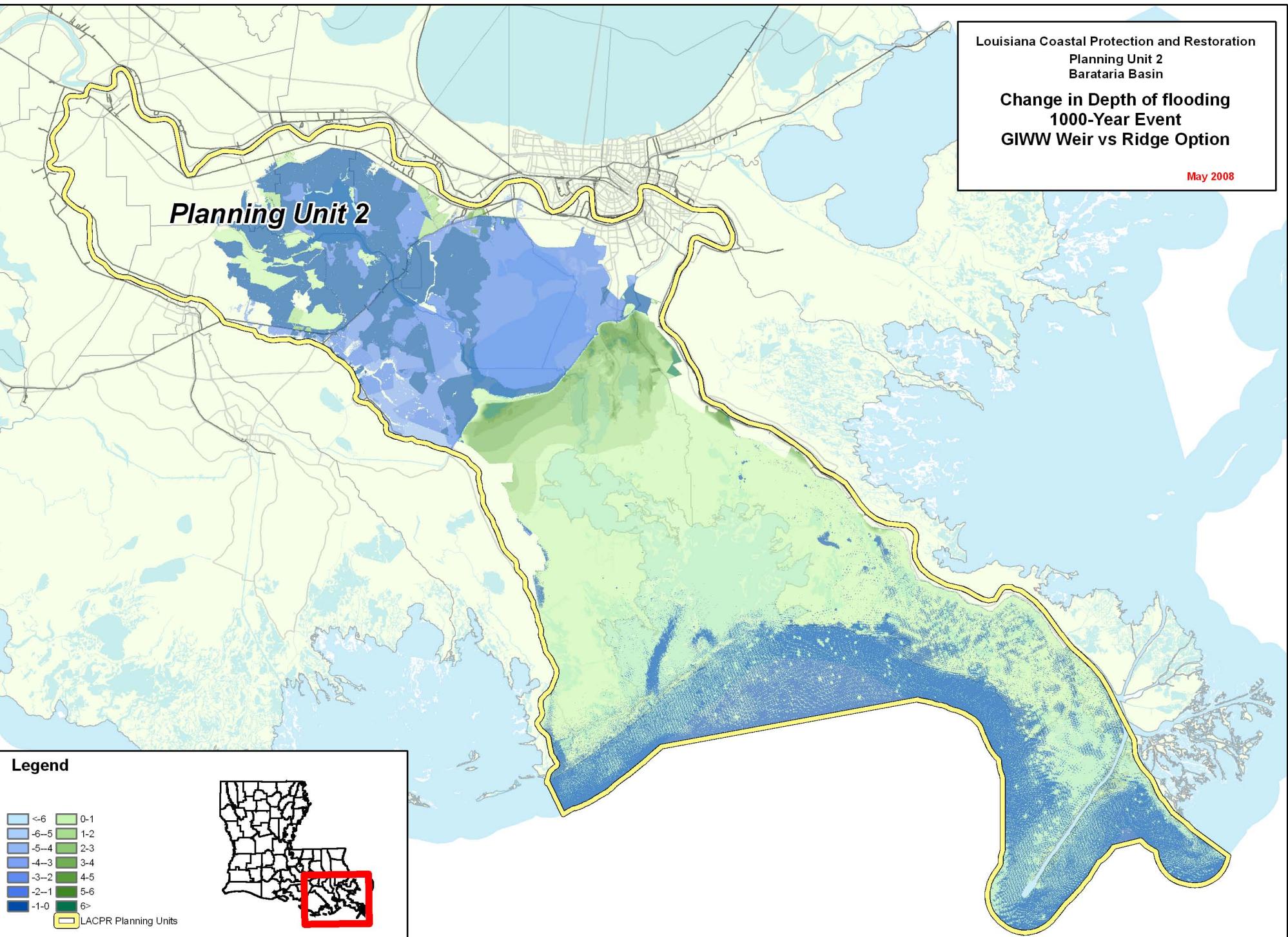
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Change in Depth of flooding
1000-Year Event
GIWW Weir vs Ridge Option

May 2008

Planning Unit 2



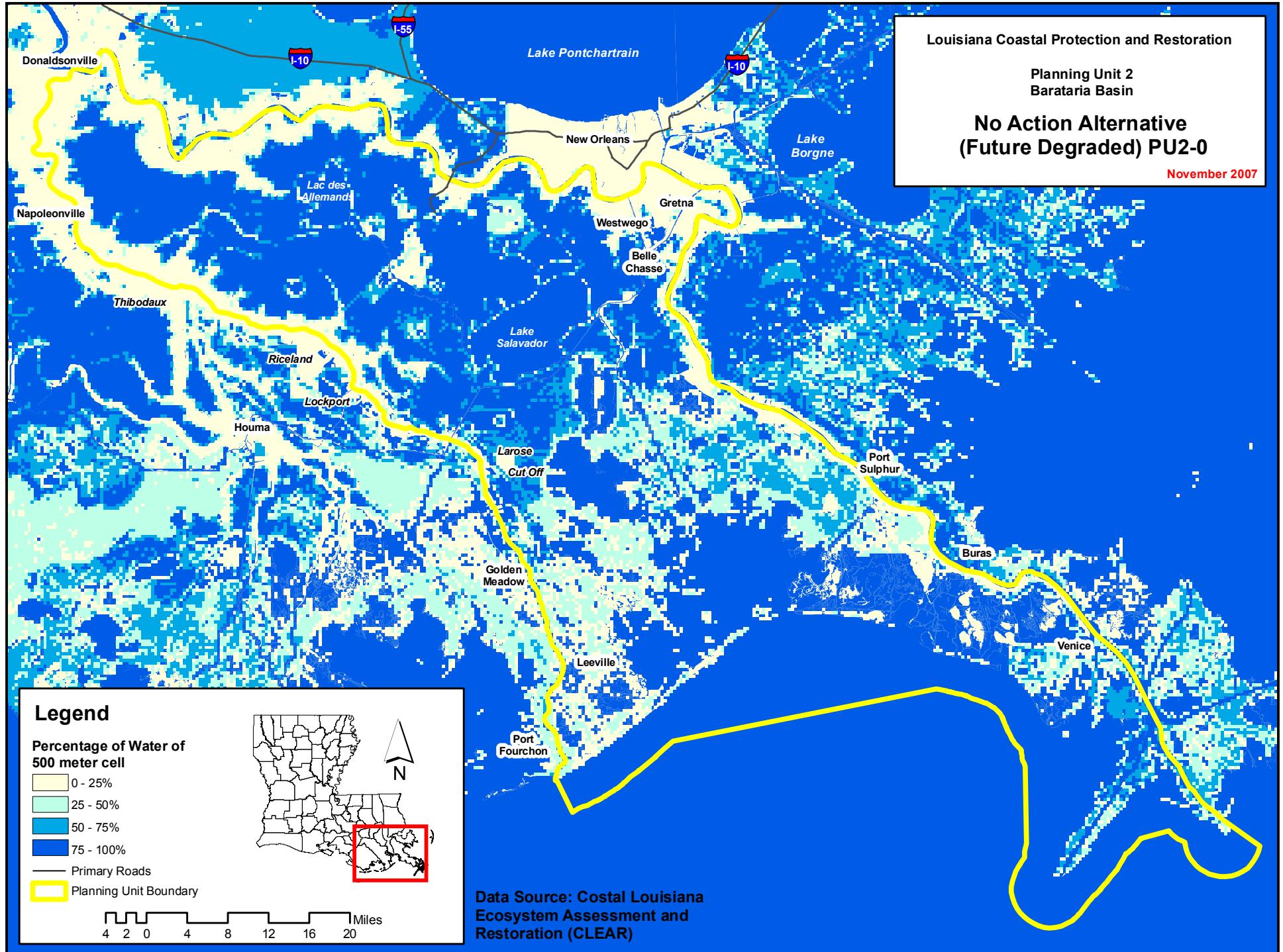
Planning Unit:	2	Alt. No.:	PU2-0	Category:	No Action
Alternative Description:	No action (without project) alternative.				
Coastal Component:	Degraded coast--increasing risk.	Nonstructural Component:		None	
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

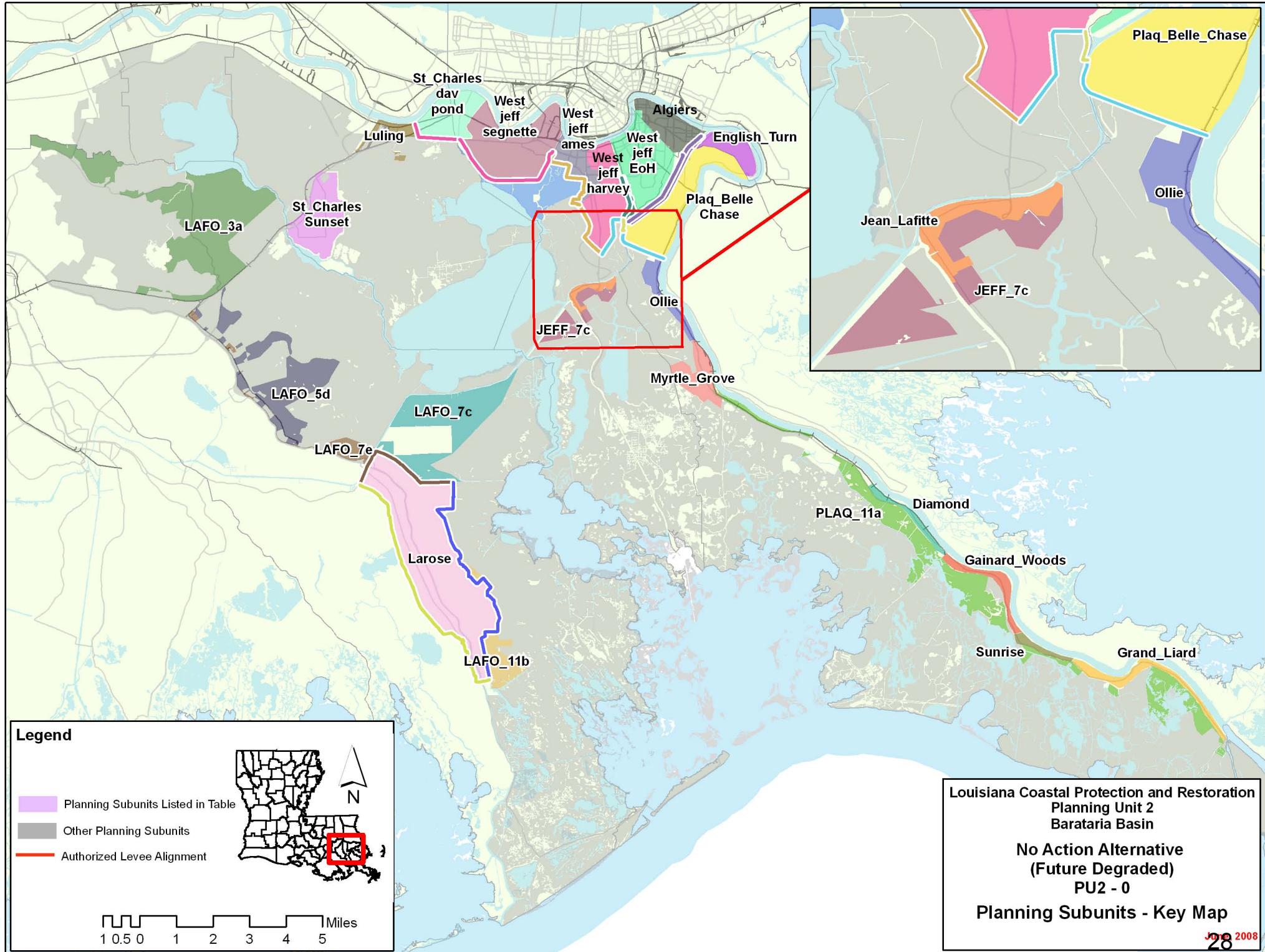
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	0	22,019	792	1,461	3,239	285	54	16	3
		Mid		29,484	1,848	3,443	8,264	705	48	14	2
		Low		31,156	2,164	3,784	9,054	749	42	12	0
2	High RSLR High Employment Dispersed Population	High	0	25,950	1,443	2,586	6,480	581	54	14	3
		Mid		30,305	2,044	3,604	8,513	729	48	13	2
		Low		31,441	2,285	3,967	9,325	780	42	11	0
3	Low RSLR Business-as-Usual Compact Population	High	0	16,175	696	1,281	2,793	240	54	16	3
		Mid		22,294	1,601	2,753	6,635	552	48	14	2
		Low		23,789	1,851	3,050	7,283	587	42	12	0
4	High RSLR Business-as-Usual Compact Population	High	0	19,128	1,238	2,121	5,035	450	54	14	3
		Mid		22,774	1,737	2,932	6,880	577	48	13	2
		Low		23,929	1,927	3,243	7,484	612	42	11	0

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		81	79	81	79
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		74	70	74	70
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		0	0	0	0
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	0	Structural Component		0	0	0	0
	3 / 4	0	Total Project		0	0	0	0

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 No Action Plan	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	N/A	2,834	N/A	1,512	N/A	2,129	N/A	
100-year	46,652	N/A	49,467	N/A	37,218	N/A	39,133	N/A	
400-year	51,671	N/A	53,124	N/A	40,614	N/A	41,659	N/A	
1,000-year	53,208	N/A	54,188	N/A	41,777	N/A	42,556	N/A	
2,000-year	53,965	N/A	54,716	N/A	42,386	N/A	42,963	N/A	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-0
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8		10.7		12.1		12.9		16.3		17.9	
Diamond	13.0		16.7		18.9		16.2		26.3		30.2	
English_Turn	-1.7		10.7		12.1		12.9		16.3		17.9	
Gainard_Woods	13.5		17.3		19.7		16.7		20.5		22.9	
Grand_Liard	15.0		16.7		18.9		18.2		26.3		30.2	
Jean_Lafitte	8.4		11.9		14.0		13.0		16.9		19.3	
JEFF_7a	7.7		10.8		13.1		12.8		17.1		18.2	
JEFF_7c	8.4		11.9		14.0		22.7		27.6		30.0	
LAFO_11b	11.6		14.5		16.1		14.4		16.9		18.4	
LAFO_3a	3.9		5.1		6.0		7.0		8.2		9.0	
LAFO_5d	5.8		8.7		10.9		10.6		13.4		15.1	
LAFO_7c	7.1		9.1		10.3		12.0		14.2		15.4	
LAFO_7e	8.1		11.3		13.4		12.5		15.3		17.3	
Larose	-2.5		9.0		12.0		15.0		15.0		15.0	
Luling	6.1		8.6		10.2		11.8		15.5		17.4	
Myrtle_Grove	10.3		13.8		15.7		13.5		17.3		18.6	
Ollie	8.0		13.2		15.3		11.2		19.2		22.1	
PLAQ_11a	12.5		16.7		18.9		15.9		20.5		22.9	
Plaq_Belle_Chase	-2.6		11.0		11.3		11.6		14.3		15.8	
St_Charles_dav_pond	1.6		4.8		11.0		11.0		13.2		14.5	
St_Charles_Sunset	7.0		9.4		10.7		10.0		12.3		13.7	
Sunrise	15.0		16.7		18.9		18.2		26.3		30.2	
West_jeff_ames	-1.5		11.0		11.3		11.6		14.3		15.8	
West_jeff_EoH	-3.5		11.0		11.3		11.6		14.3		15.8	
West_jeff_harvey	-2.4		11.0		11.3		11.6		14.3		15.8	
West_jeff_segnette	-3.9		11.0		11.3		11.6		14.3		15.8	
Evaluation Parameters	Confidence Level:			90%		Levee Design:			No Friction Waves			
	Future Relative Sea Level Rise:			3.2 feet		Levee Overtopping:			No Friction Waves			

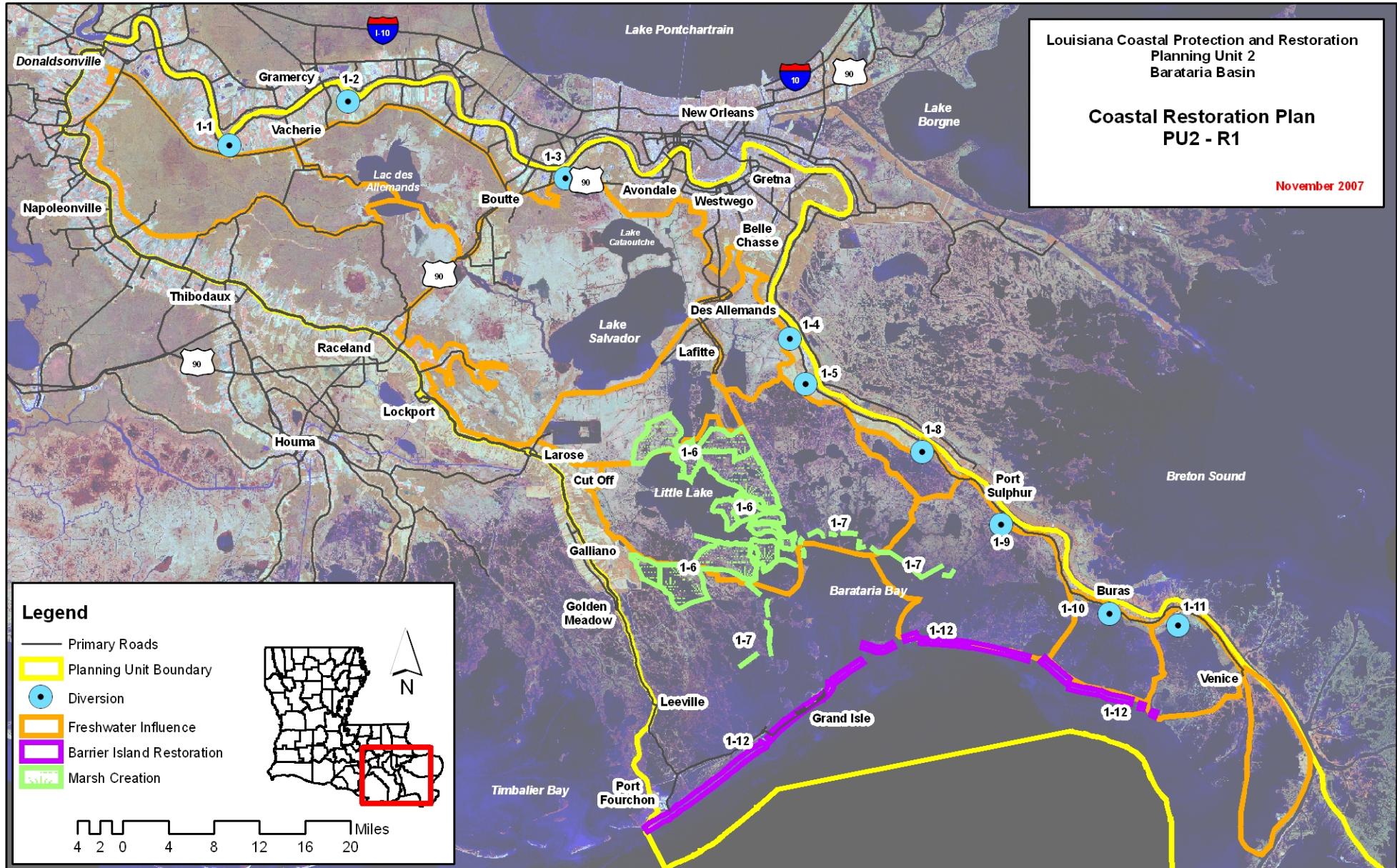
Planning Unit:	2	Alt. No.:	PU2-R1	Category:	Coastal Restoration Only
Alternative Description:	Sustain coastal landscape through restoration including shoreline protection, marsh creation, and steady state diversions.				
Coastal Component:	R1 (steady state diversions)		Nonstructural Component:	None	
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv \$ Millions	Ann. Equiv. #	Ann. Equiv \$ Millions	Ann. Equiv \$ Millions	Ann. Equiv #	Ann. Equiv \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	766	15,567	338	563	1,203	77	272	16	7
		Mid		19,716	722	1,063	2,885	187	213	15	6
		Low		21,148	967	1,521	3,806	249	154	13	4
2	High RSLR High Employment Dispersed Population	High	768	15,853	407	711	1,521	110	272	14	7
		Mid		20,012	799	1,193	3,074	208	213	14	6
		Low		21,392	1,063	1,649	4,020	275	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	766	10,722	330	540	1,193	75	272	16	7
		Mid		14,505	682	938	2,655	161	213	15	6
		Low		15,958	898	1,318	3,411	211	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	768	10,953	370	688	1,433	99	272	14	7
		Mid		14,697	740	1,106	2,857	185	213	14	6
		Low		16,058	962	1,484	3,568	232	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		101	99	101	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		108	104	108	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,001	15,033	15,001	15,033
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	5,250	Structural Component		0	0	0	0
	3 / 4	5,250	Total Project		15,001	15,033	15,001	15,033

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Coastal Plan Coastal Restoration Alt
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
	10-year	1,583	1,805	2,834	3,062	1,512	1,692	2,129
100-year	46,652	6,117	49,467	8,115	37,218	4,915	39,133	6,429
400-year	51,671	46,912	53,124	47,987	40,614	37,201	41,659	37,872
1,000-year	53,208	50,259	54,188	51,146	41,777	39,600	42,556	40,134
2,000-year	53,965	51,581	54,716	52,300	42,386	40,485	42,963	40,926

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.



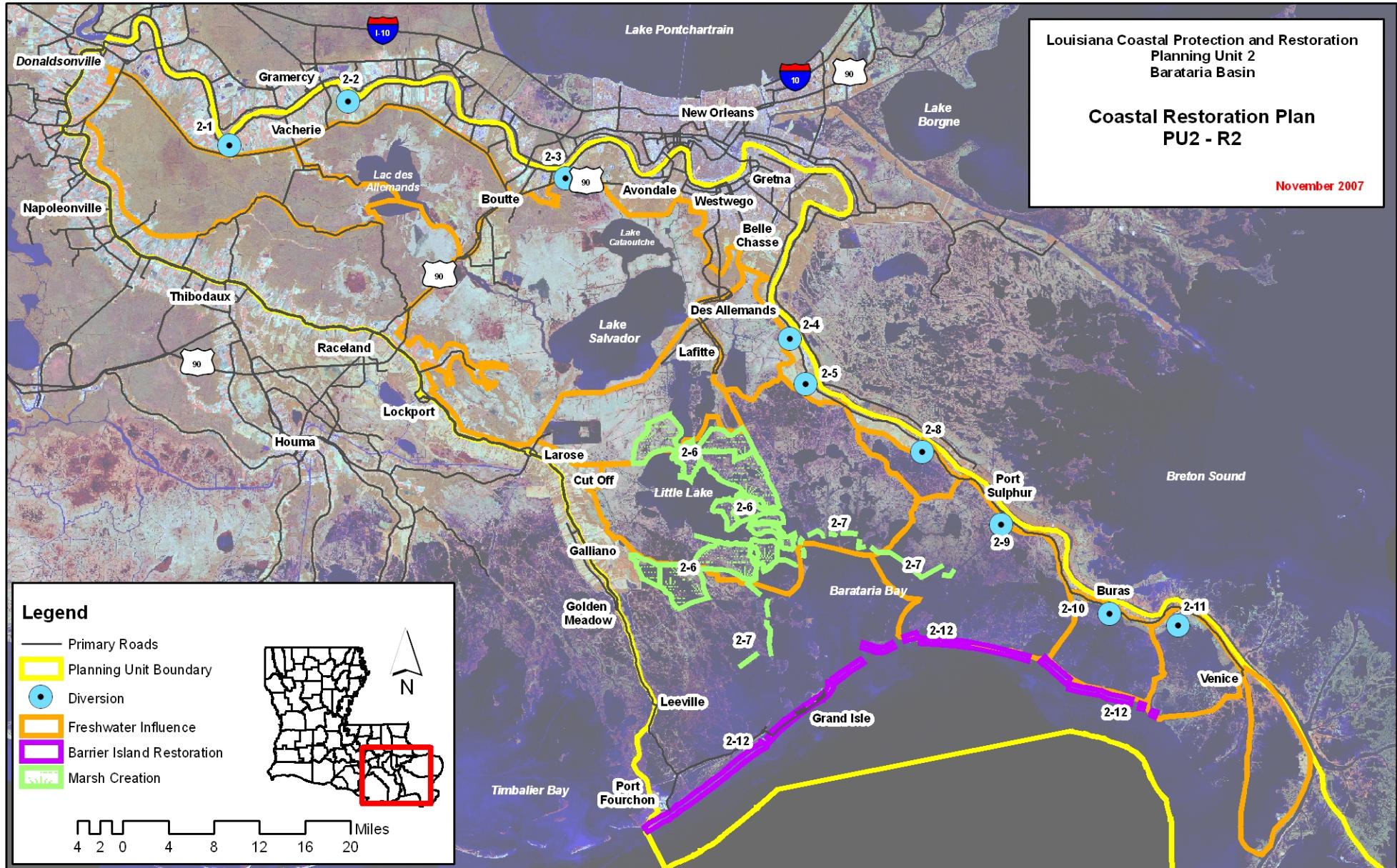
Planning Unit:	2	Alt. No.:	PU2-R2	Category:	Coastal Restoration Only
Alternative Description:	Sustain coastal landscape through restoration including shoreline protection, marsh creation, and pulsed diversions.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	800	15,567	338	563	1,203	77	272	16	7
		Mid		19,716	722	1,063	2,885	187	213	15	6
		Low		21,148	967	1,521	3,806	249	154	13	4
2	High RSLR High Employment Dispersed Population	High	801	15,853	407	711	1,521	110	272	14	7
		Mid		20,012	799	1,193	3,074	208	213	14	6
		Low		21,392	1,063	1,649	4,020	275	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	800	10,722	330	540	1,193	75	272	16	7
		Mid		14,505	682	938	2,655	161	213	15	6
		Low		15,958	898	1,318	3,411	211	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	801	10,953	370	688	1,433	99	272	14	7
		Mid		14,697	740	1,106	2,857	185	213	14	6
		Low		16,058	962	1,484	3,568	232	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)								Present Value of Life Cycle Costs (\$ Millions)
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		0	0	0
	1 / 2	5,480	5,491	Structural Component		0	0	0
	3 / 4	5,480	5,491	Total Project		15,657	15,689	15,657

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Coastal Plan Coastal Restoration Alt
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
10-year	1,583	1,805	2,834	3,062	1,512	1,692	2,129	2,316
100-year	46,652	6,117	49,467	8,115	37,218	4,915	39,133	6,429
400-year	51,671	46,912	53,124	47,987	40,614	37,201	41,659	37,872
1,000-year	53,208	50,259	54,188	51,146	41,777	39,600	42,556	40,134
2,000-year	53,965	51,581	54,716	52,300	42,386	40,485	42,963	40,926

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.



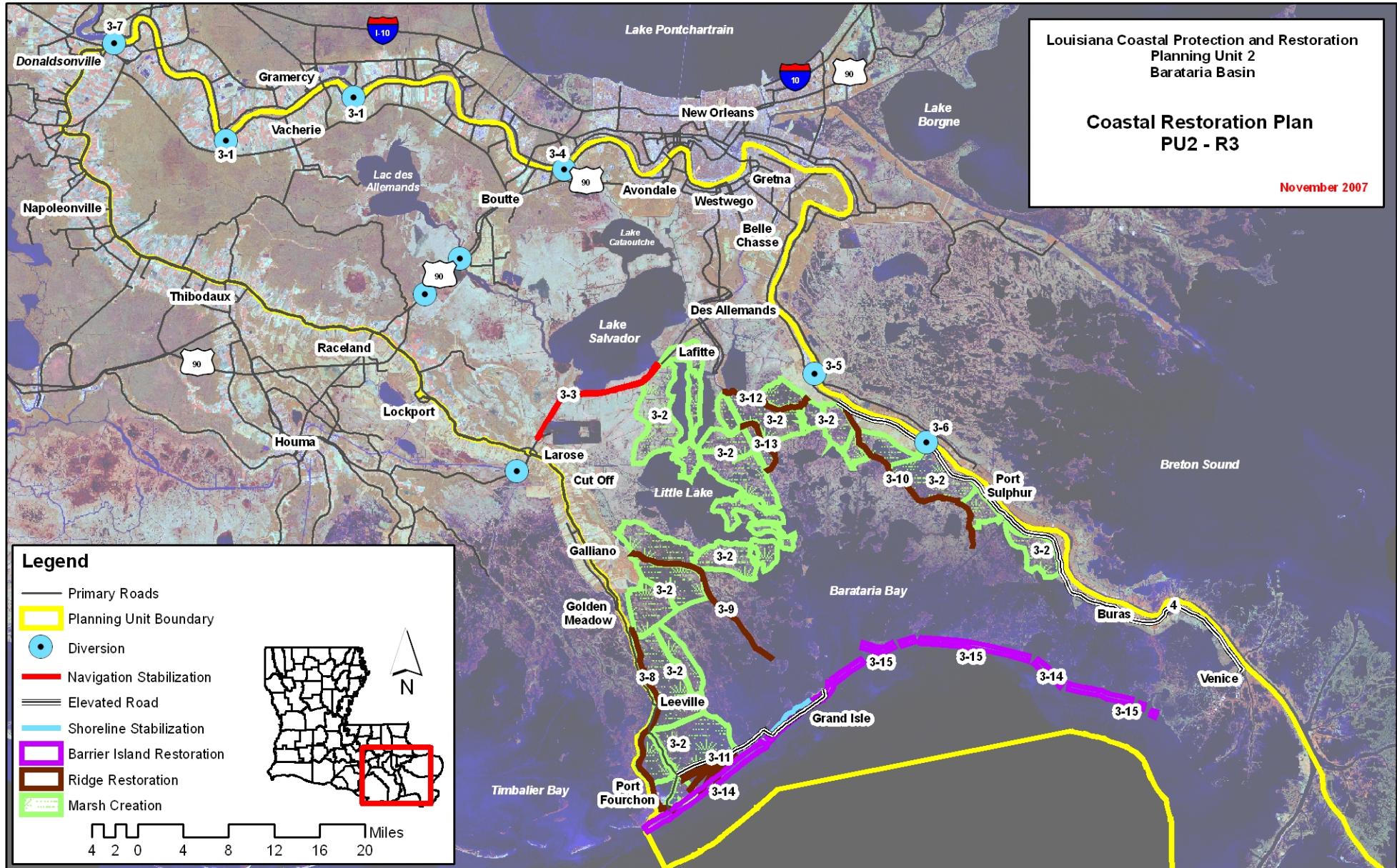
Planning Unit:	2	Alt. No.:	PU2-R3	Category:	Coastal Restoration Only
Alternative Description:	Sustain coastal landscape through restoration including shoreline protection, marsh creation, and diversions as proposed in the State Master Plan.				
Coastal Component:	R3 (state plan)		Nonstructural Component:	None	
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

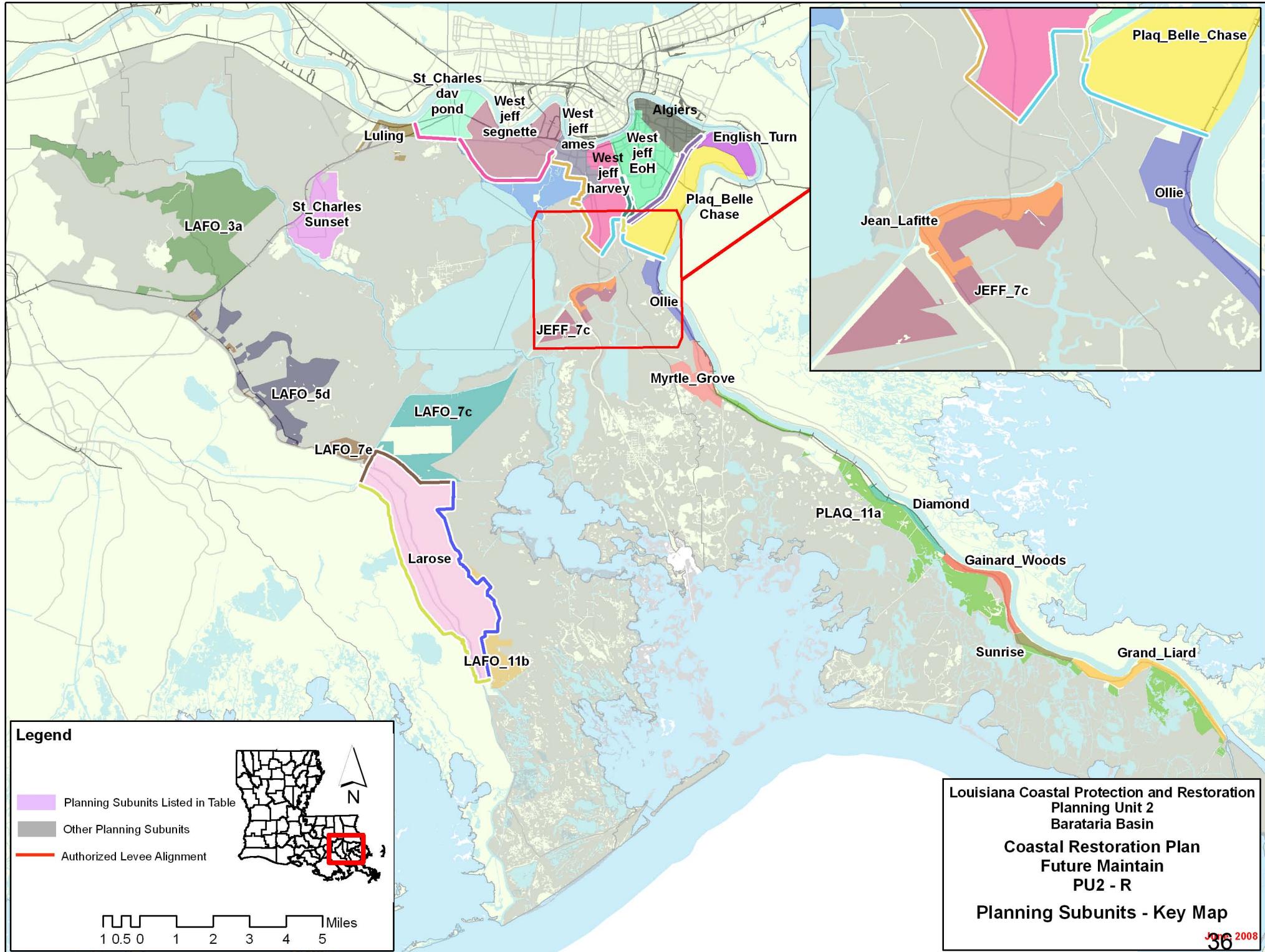
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv \$ Millions	Ann. Equiv #	Ann. Equiv \$ Millions	Ann. Equiv \$ Millions	Ann. Equiv #	Ann. Equiv \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	932	15,567	338	563	1,203	77	272	16	7
		Mid		19,716	722	1,063	2,885	187	213	15	6
		Low		21,148	967	1,521	3,806	249	154	13	4
2	High RSLR High Employment Dispersed Population	High	937	15,853	407	711	1,521	110	272	14	7
		Mid		20,012	799	1,193	3,074	208	213	14	6
		Low		21,392	1,063	1,649	4,020	275	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	932	10,722	330	540	1,193	75	272	16	7
		Mid		14,505	682	938	2,655	161	213	15	6
		Low		15,958	898	1,318	3,411	211	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	937	10,953	370	688	1,433	99	272	14	7
		Mid		14,697	740	1,106	2,857	185	213	14	6
		Low		16,058	962	1,484	3,568	232	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		105	104	105	104
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		101	98	101	98
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		18,245	18,355	18,245	18,355
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	6,386	Structural Component		0	0	0	0
	3 / 4	6,386	Total Project		18,245	18,355	18,245	18,355

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Coastal Plan Coastal Restoration Alt	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,805	2,834	3,062	1,512	1,692	2,129	2,316	
100-year	46,652	6,117	49,467	8,115	37,218	4,915	39,133	6,429	
400-year	51,671	46,912	53,124	47,987	40,614	37,201	41,659	37,872	
1,000-year	53,208	50,259	54,188	51,146	41,777	39,600	42,556	40,134	
2,000-year	53,965	51,581	54,716	52,300	42,386	40,485	42,963	40,926	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R1, R2, and R3
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions*						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.9	-3.9	10.7	10.7	12.1	12.1	12.9	-3.9	16.3	10.7	17.9	10.7
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	10.7	12.1	12.1	12.9	-1.7	16.3	10.7	17.9	12.1
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.4	16.9	16.9	18.4	18.4
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.0	8.2	8.2	9.0	9.0
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.5	9.0	9.0	12.0	12.0	15.0	-2.5	15.0	9.0	15.0	12.0
Luling	6.1	6.1	8.6	8.6	10.2	10.2	11.8	9.3	15.5	11.8	17.4	13.4
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.6
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.7	-2.7	11.0	11.0	11.3	11.3	11.6	-2.7	14.3	11.0	15.8	11.3
St_Charles_dav_pond	1.6	1.6	4.8	4.8	11.0	11.0	11.0	1.6	13.2	4.8	14.5	11.0
St_Charles_Sunset	7.0	7.0	9.4	9.4	10.7	10.7	10.0	10.0	12.3	12.3	13.7	13.7
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	11.0	11.3	11.3	11.6	-1.5	14.3	11.0	15.8	11.3
West_jeff_EoH	-3.6	-3.6	11.0	11.0	11.3	11.3	11.6	-3.6	14.3	11.0	15.8	11.3
West_jeff_harvey	-2.4	-2.4	11.0	11.0	11.3	11.3	11.6	-2.4	14.3	11.0	15.8	11.3
West_jeff_segnette	-3.9	-3.9	11.0	11.0	11.3	11.3	11.6	-3.9	14.3	11.0	15.8	11.3
Evaluation Parameters	Confidence Level:			90%	3.2 feet	Levee Design:			No Friction Waves			
	Future Relative Sea Level Rise:					Levee Overtopping:			No Friction Waves			

* With and without project base conditions (2010) are the same for coastal restoration only plans.

Planning Unit:	2	Alt. No.:	PU2-NS-100	Category:	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 100-year nonstructural measures.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr stand alone measures
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,017	14,024	159	166	462	24	272	16	7
		Mid		17,787	444	549	1,890	105	213	15	6
		Low		19,187	649	797	2,611	145	154	13	4
2	High RSLR High Employment Dispersed Population	High	1,018	14,171	187	262	668	44	272	14	7
		Mid		17,939	487	617	2,019	117	213	14	6
		Low		19,312	701	868	2,745	160	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	1,023	9,774	147	157	458	23	272	16	7
		Mid		13,326	420	492	1,783	92	213	15	6
		Low		14,794	592	709	2,415	127	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	1,025	9,893	165	255	628	40	272	14	7
		Mid		13,425	451	588	1,931	107	213	14	6
		Low		14,846	630	801	2,523	139	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		4,263	4,263	4,391
	1 / 2	6,972	6,983	Structural Component		0	0	0
	3 / 4	7,017	7,028	Total Project		19,920	19,952	20,048
2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Nonstructural Plan 100-year Design

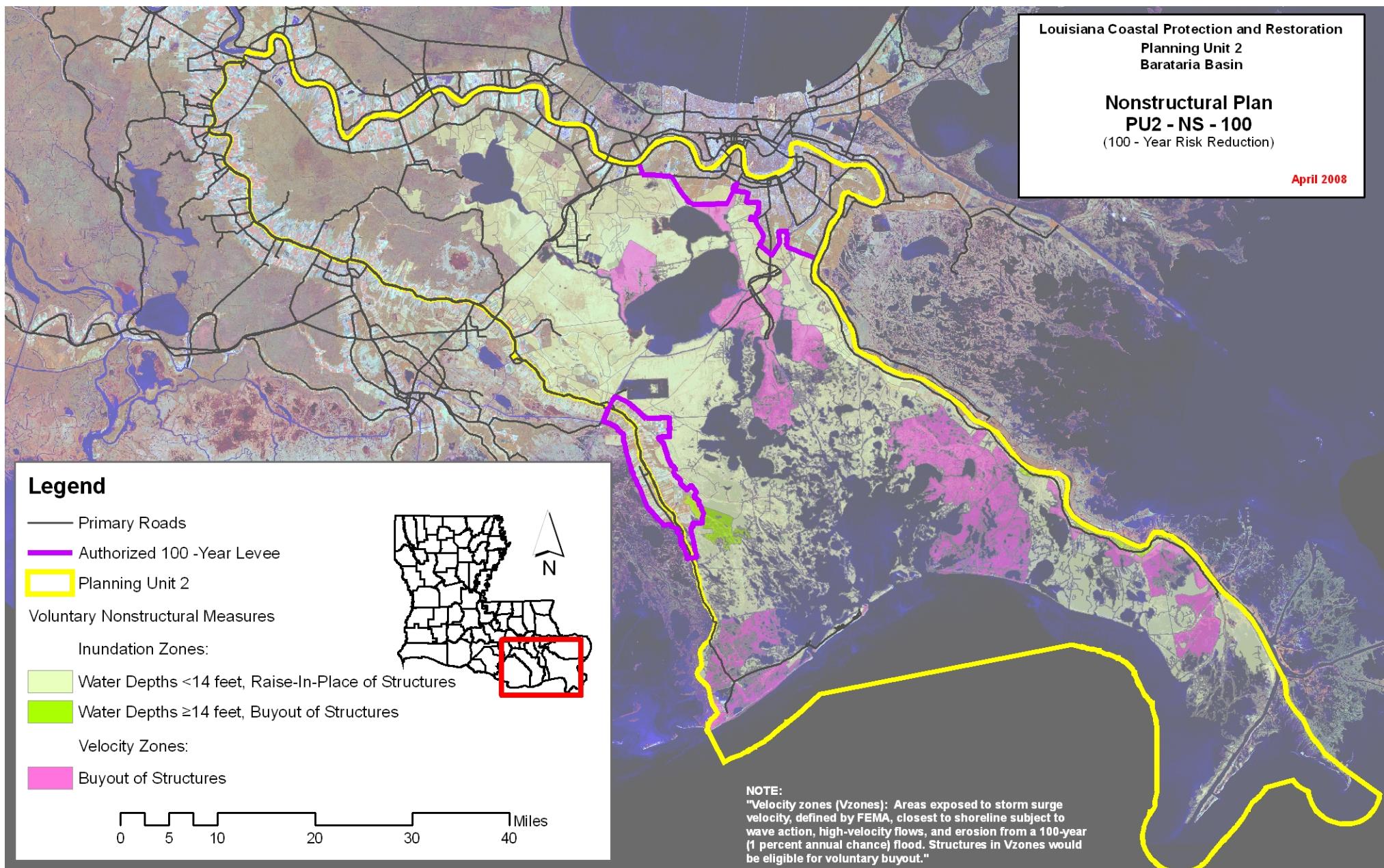
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
10-year	1,583	629	2,834	1,754	1,512	491	2,129	983
100-year	46,652	3,483	49,467	5,724	37,218	2,278	39,133	4,200
400-year	51,671	44,758	53,124	46,011	40,614	35,265	41,659	36,162
1,000-year	53,208	48,282	54,188	49,205	41,777	37,928	42,556	38,541
2,000-year	53,965	49,627	54,716	50,418	42,386	38,886	42,963	39,404

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Nonstructural Plan
PU2 - NS - 100
(100 - Year Risk Reduction)

April 2008



Planning Unit:	2	Alt. No.:	PU2-NS-400	Category:	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 400-year nonstructural measures.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr stand alone measures
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,603	11,761	115	108	306	14	272	16	7
		Mid		15,241	241	230	935	43	213	15	6
		Low		16,460	332	488	1,873	92	154	13	4
2	High RSLR High Employment Dispersed Population	High	1,604	11,908	120	127	343	17	272	14	7
		Mid		15,394	252	253	966	46	213	14	6
		Low		16,586	360	595	2,045	110	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	2,206	7,989	113	107	303	13	272	16	7
		Mid		11,306	239	227	942	42	213	15	6
		Low		12,534	324	457	1,826	87	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	2,208	8,108	116	129	359	18	272	14	7
		Mid		11,406	247	250	985	46	213	14	6
		Low		12,585	339	584	2,001	105	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		15,762	15,762	27,608	27,608
	1 / 2	10,997	Structural Component		0	0	0	0
	3 / 4	15,143	Total Project		31,419	31,451	43,265	43,297

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Nonstructural Plan 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	256	2,834	577	1,512	211	2,129	405	
100-year	46,652	517	49,467	1,821	37,218	445	39,133	1,044	
400-year	51,671	5,548	53,124	7,537	40,614	4,016	41,659	5,752	
1,000-year	53,208	13,451	54,188	14,793	41,777	9,816	42,556	10,693	
2,000-year	53,965	24,867	54,716	25,943	42,386	18,767	42,963	19,548	

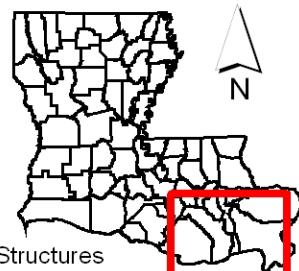
Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

Nonstructural Plan
PU2 - NS - 400
(400 - Year Risk Reduction)

April 2008

Legend

- Primary Roads
- Authorized 100 -Year Levee
- Planning Unit 2



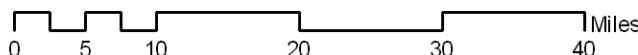
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥ 14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

Planning Unit:	2	Alt. No.:	PU2-NS-1000	Category:	Coastal Restoration + Nonstructural Measures
Alternative Description:	Sustain coastal landscape through restoration. Implement comprehensive 1000-year nonstructural measures.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	1000-yr stand alone measures	
Structural Component:	No new levees or increases in risk reduction level for existing levees.				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,294	11,358	111	108	304	14	272	16	7
		Mid		14,699	227	180	761	32	213	15	6
		Low		15,909	302	270	1,058	45	154	13	4
2	High RSLR High Employment Dispersed Population	High	2,296	11,505	113	109	308	14	272	14	7
		Mid		14,852	232	190	783	34	213	14	6
		Low		16,035	312	305	1,128	51	154	12	4
3	Low RSLR Business-as-Usual Compact Population	High	2,316	7,845	110	106	300	13	272	16	7
		Mid		11,051	228	178	769	32	213	15	6
		Low		12,275	301	261	1,035	43	154	13	4
4	High RSLR Business-as-Usual Compact Population	High	2,318	7,963	111	107	307	14	272	14	7
		Mid		11,150	231	186	794	34	213	14	6
		Low		12,326	306	309	1,137	52	154	12	4

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		29,329	29,329	29,764	29,764
	1 / 2	15,745	Structural Component		0	0	0	0
	3 / 4	15,897	Total Project		44,986	45,018	45,421	45,453

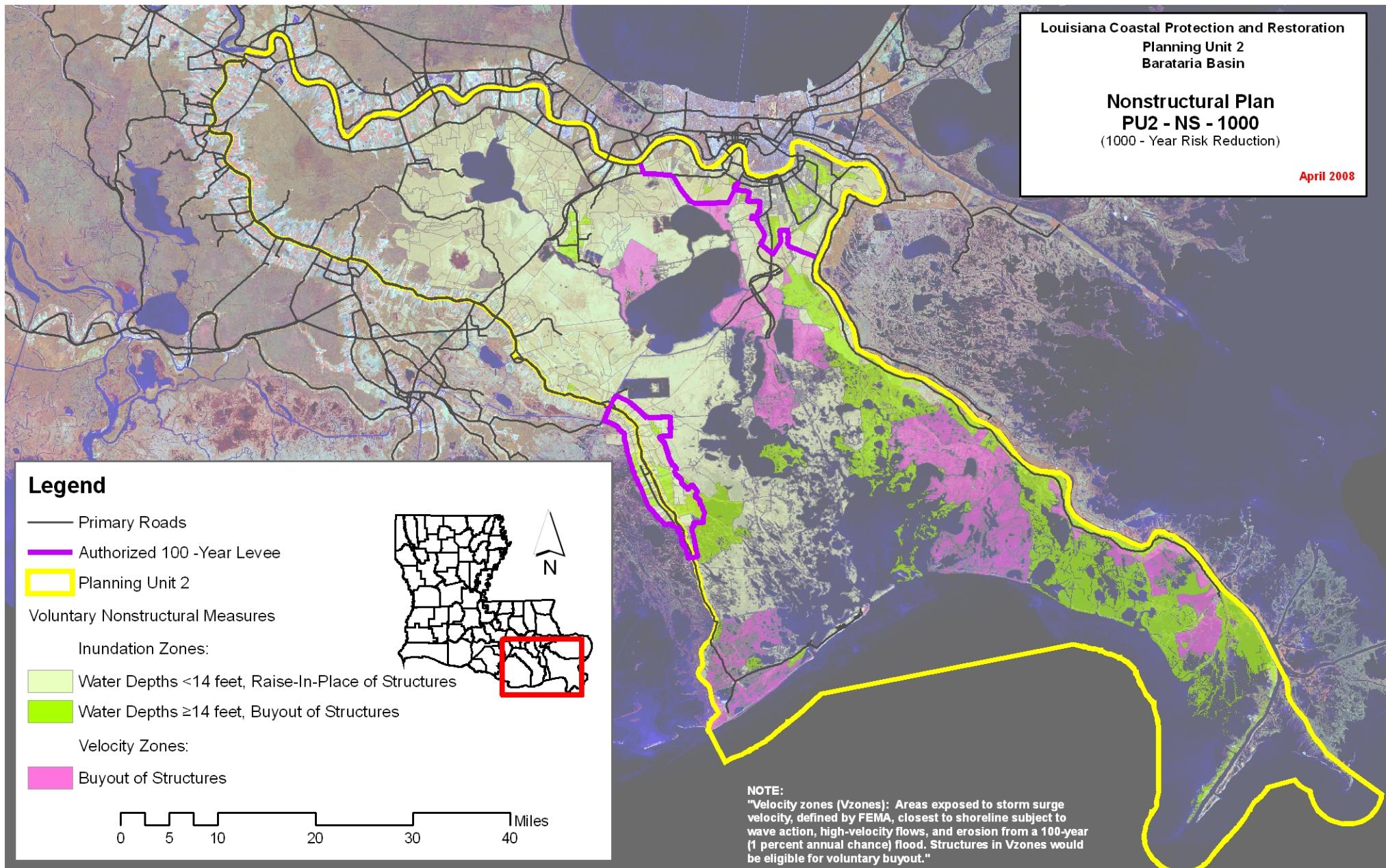
2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Nonstructural Plan 1000-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	155	2,834	288	1,512	131	2,129	187	
100-year	46,652	349	49,467	670	37,218	310	39,133	491	
400-year	51,671	1,950	53,124	3,902	40,614	1,573	41,659	2,652	
1,000-year	53,208	4,675	54,188	6,759	41,777	3,346	42,556	5,180	
2,000-year	53,965	9,862	54,716	11,766	42,386	7,641	42,963	8,659	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Louisiana Coastal Protection and Restoration
Planning Unit 2
Barataria Basin

Nonstructural Plan
PU2 - NS - 1000
(1000 - Year Risk Reduction)

April 2008



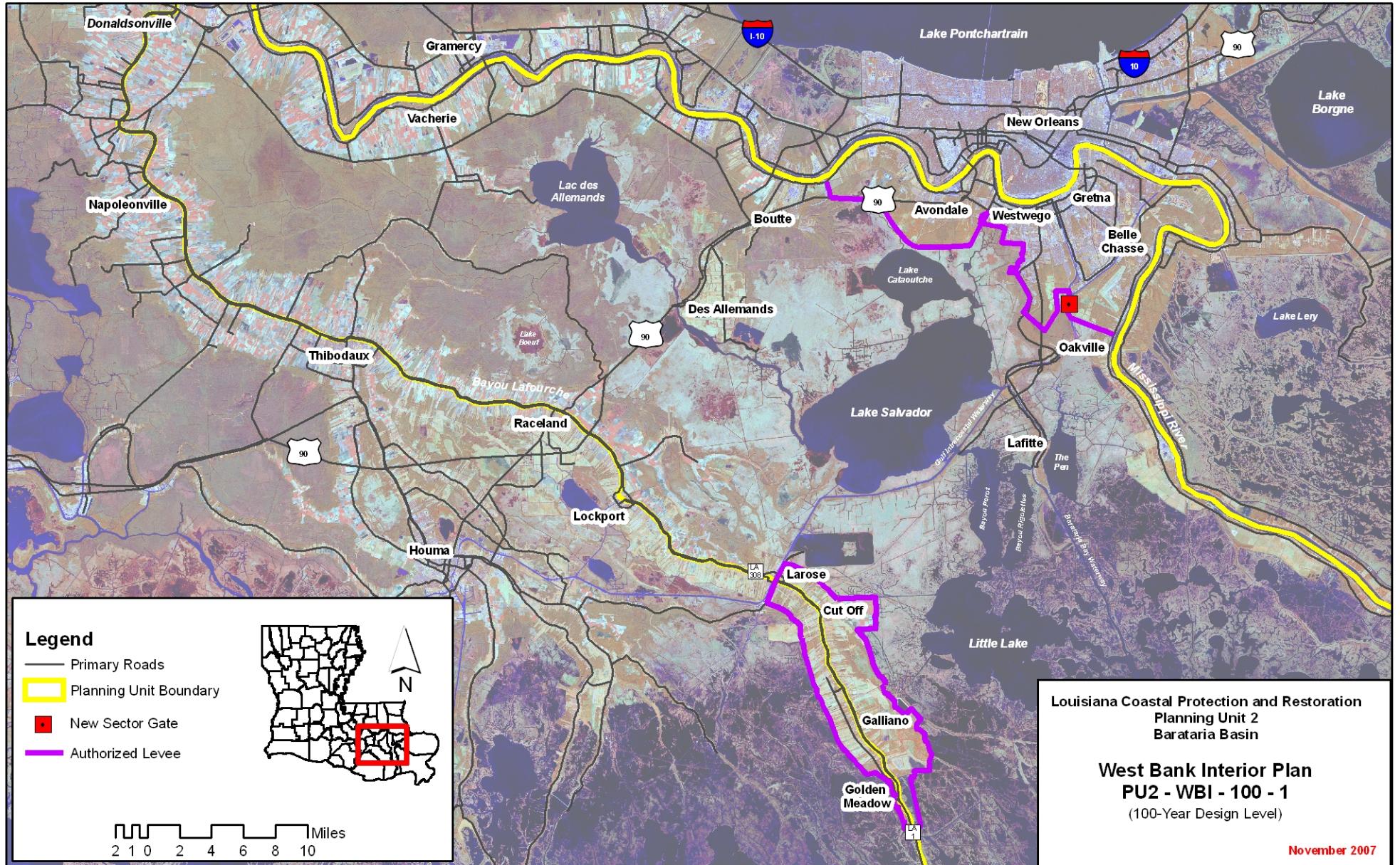
Planning Unit:	2	Alt. No.:	PU2-WBI-100-1	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

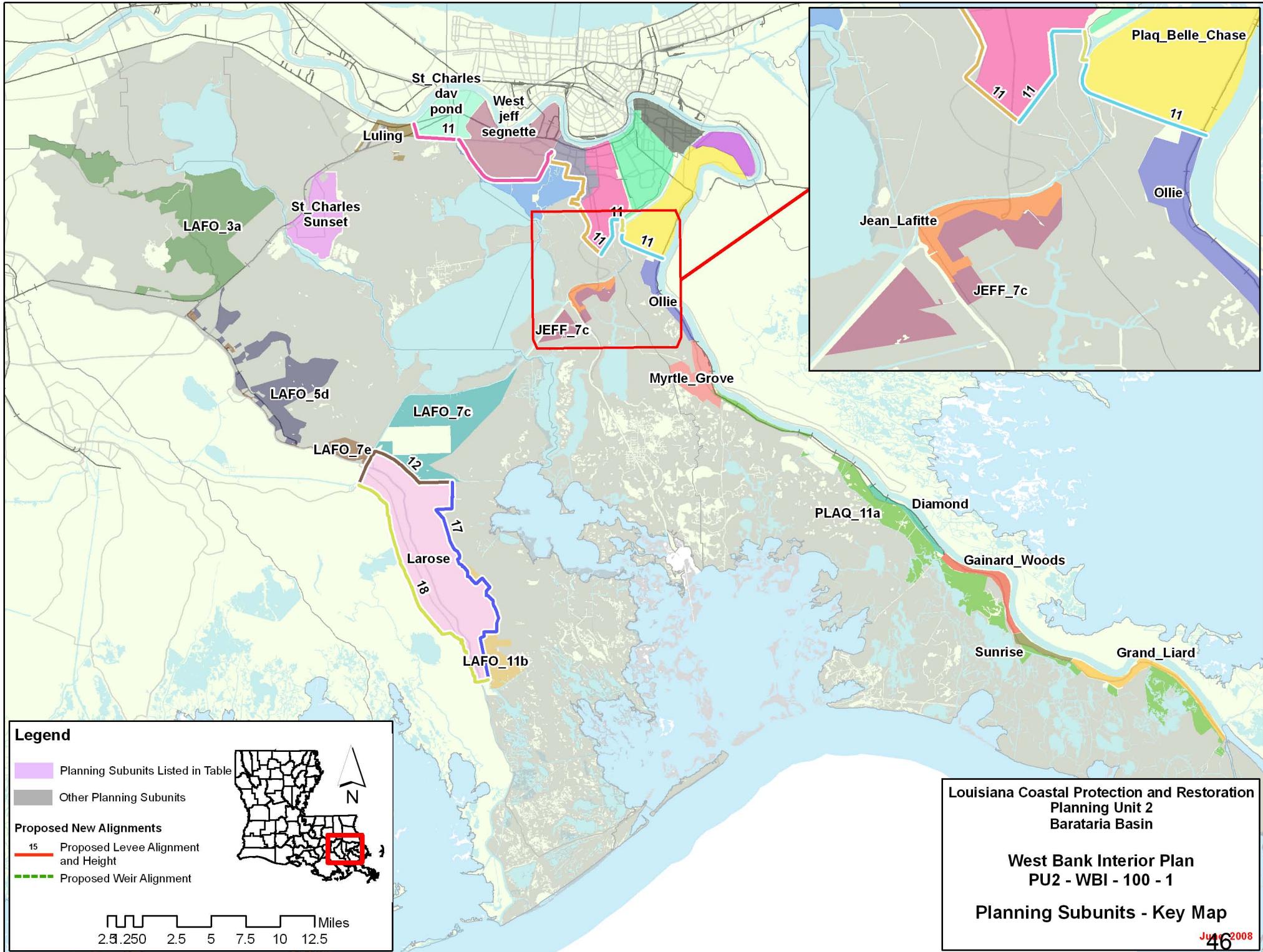
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	851	15,555	353	581	1,264	84	266	17	8
		Mid		19,088	683	1,050	2,670	179	213	15	7
		Low		20,935	983	1,541	3,883	256	160	14	6
2	High RSLR High Employment Dispersed Population	High	853	16,029	449	772	1,722	128	266	15	7
		Mid		19,381	758	1,167	2,840	197	213	14	7
		Low		21,153	1,070	1,657	4,075	279	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	851	10,792	340	523	1,230	80	266	17	8
		Mid		14,045	644	916	2,449	154	213	15	7
		Low		15,876	921	1,335	3,491	218	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	853	11,162	406	725	1,563	112	266	15	7
		Mid		14,233	700	1,064	2,629	175	213	14	7
		Low		15,966	977	1,483	3,632	236	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		0	0	0
	1 / 2	5,858	5,877	Structural Component		999	1,024	999
	3 / 4	5,858	5,877	Total Project		16,656	16,713	16,656

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan West Bank Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,805	2,834	3,062	1,512	1,692	2,129	2,316	
100-year	46,652	6,102	49,467	8,100	37,218	4,903	39,133	6,416	
400-year	51,671	40,302	53,124	41,377	40,614	33,950	41,659	34,622	
1,000-year	53,208	44,147	54,188	45,034	41,777	36,705	42,556	37,239	
2,000-year	53,965	45,405	54,716	46,123	42,386	37,560	42,963	38,001	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-WBI-100-1
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.5	9.0	9.0	12.0	12.0	15.0	-2.5	15.0	9.0	15.0	12.0
Luling	6.1	6.1	8.6	8.6	10.2	10.2	11.8	11.2	15.5	13.7	17.4	15.3
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.7	11.0	5.1	11.3	11.3	11.6	-2.7	14.3	5.1	15.8	11.3
St_Charles_dav_pond	1.6	1.6	4.8	4.8	11.0	11.0	11.0	1.6	13.2	4.8	14.5	11.0
St_Charles_Sunset	7.0	7.0	9.4	9.4	10.7	10.7	10.0	10.2	12.3	12.6	13.7	13.9
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	11.0	11.3	11.3	11.6	-1.5	14.3	11.0	15.8	11.3
West_jeff_EoH	-3.5	-3.6	11.0	11.0	11.3	11.3	11.6	-3.6	14.3	11.0	15.8	11.3
West_jeff_harvey	-2.4	-2.4	11.0	11.0	11.3	11.3	11.6	-2.4	14.3	11.0	15.8	11.3
West_jeff_segnette	-3.9	-3.9	11.0	11.0	11.3	11.3	11.6	-3.9	14.3	11.0	15.8	11.3
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

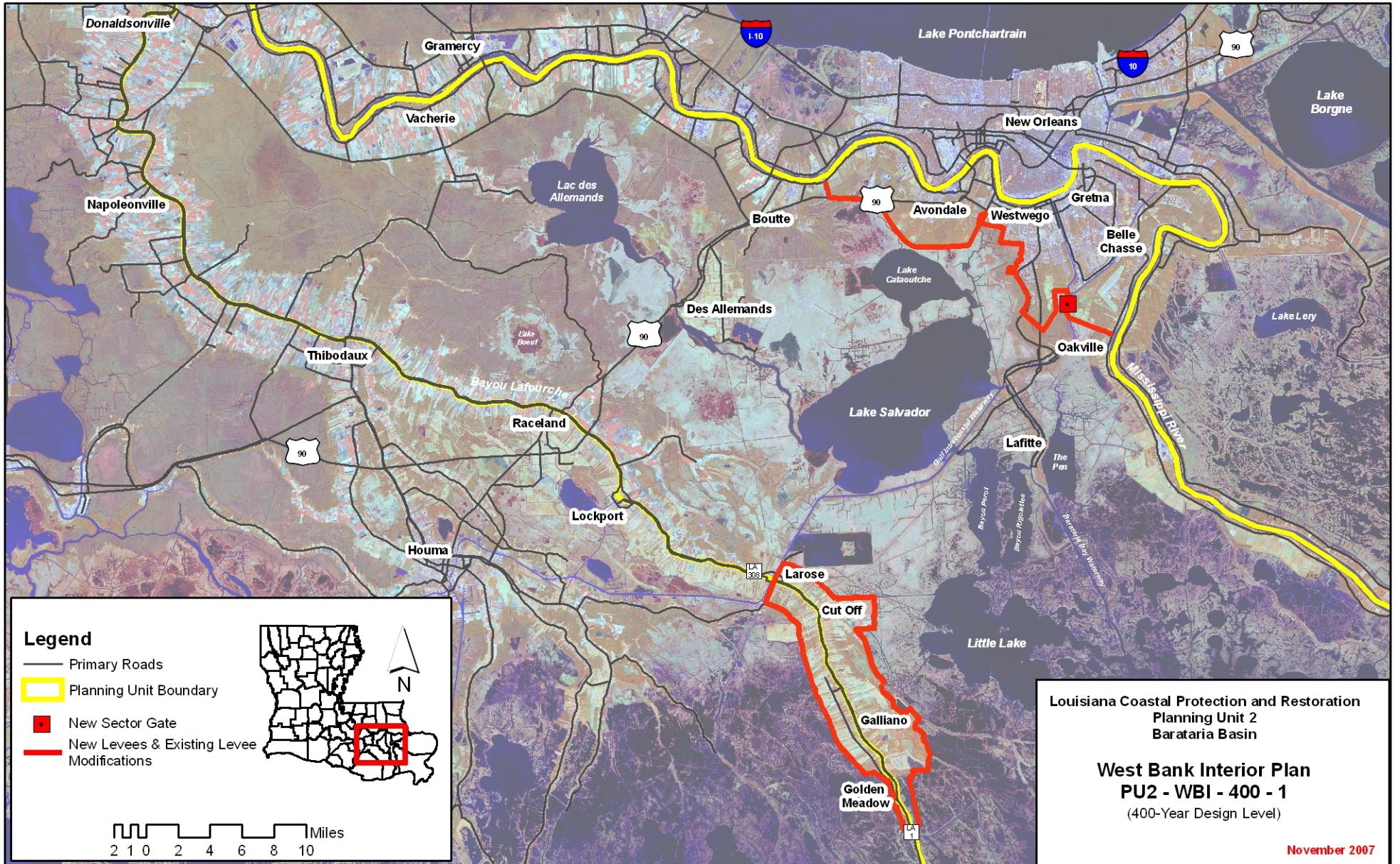
Planning Unit:	2	Alt. No.:	PU2-WBI-400-1	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Raise West Bank and Vicinity and Larose to Golden Meadow levees to 400-year level of risk reduction.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

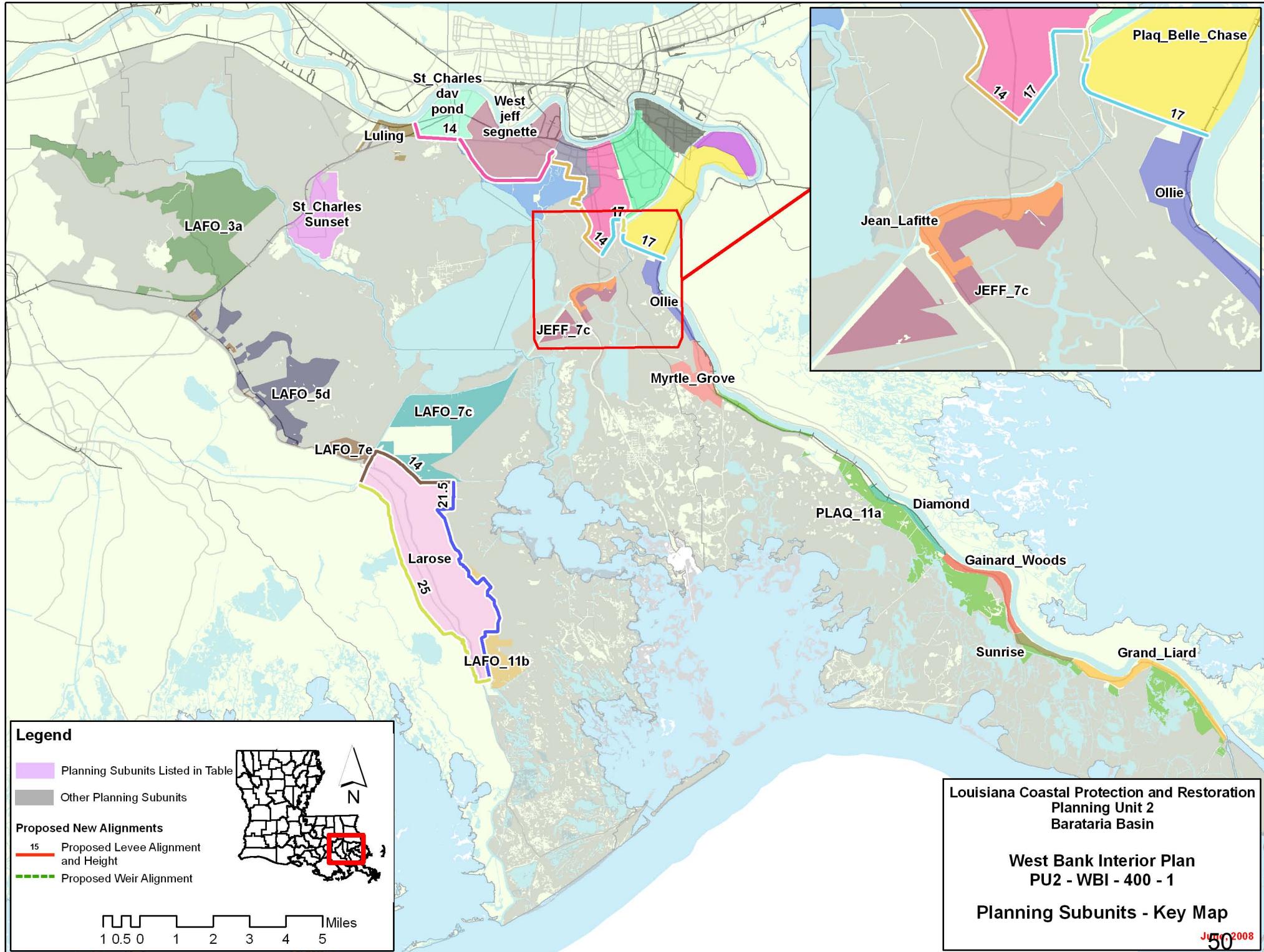
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,734	15,882	387	647	1,431	101	266	26	9
		Mid		19,334	754	1,194	3,024	214	213	26	9
		Low		20,472	944	1,487	3,660	251	160	25	8
2	High RSLR High Employment Dispersed Population	High	1,737	16,705	537	923	2,160	169	266	26	9
		Mid		19,651	833	1,301	3,181	231	213	25	9
		Low		20,669	1,023	1,596	3,836	271	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,734	11,124	366	604	1,349	92	266	26	9
		Mid		14,215	697	1,022	2,678	178	213	26	9
		Low		15,397	867	1,278	3,220	209	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	1,737	11,752	480	833	1,866	141	266	26	9
		Mid		14,412	755	1,154	2,842	197	213	25	9
		Low		15,481	919	1,412	3,349	226	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	12,464	Structural Component		18,294	18,319	18,294	18,319
	3 / 4	12,464	Total Project		33,951	34,008	33,951	34,008

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan West Bank Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,805	2,834	3,062	1,512	1,692	2,129	2,316	
100-year	46,652	6,097	49,467	8,094	37,218	4,897	39,133	6,410	
400-year	51,671	9,802	53,124	10,877	40,614	7,207	41,659	7,879	
1,000-year	53,208	15,047	54,188	15,934	41,777	11,652	42,556	12,186	
2,000-year	53,965	33,812	54,716	34,531	42,386	28,473	42,963	28,914	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-WBI-400-1
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.9	9.0	-2.3	12.0	-0.5	15.0	-2.9	15.0	-2.3	15.0	-0.5
Luling	6.1	6.1	8.6	8.6	10.2	10.2	11.8	11.2	15.5	13.7	17.4	15.3
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.6	11.3	-1.8	11.6	-2.8	14.3	-2.6	15.8	-1.8
St_Charles_dav_pond	1.6	1.5	4.8	1.7	11.0	2.7	11.0	1.5	13.2	1.7	14.5	2.7
St_Charles_Sunset	7.0	7.0	9.4	9.4	10.7	10.7	10.0	10.2	12.3	12.6	13.7	13.9
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	-0.3	11.3	5.0	11.6	-1.5	14.3	-0.3	15.8	5.0
West_jeff_EoH	-3.5	-3.7	11.0	-3.6	11.3	-3.4	11.6	-3.7	14.3	-3.6	15.8	-3.4
West_jeff_harvey	-2.4	-2.5	11.0	-2.2	11.3	1.8	11.6	-2.5	14.3	-2.2	15.8	1.8
West_jeff_segnette	-3.9	-4.0	11.0	-3.8	11.3	-1.0	11.6	-4.0	14.3	-3.8	15.8	-1.0
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

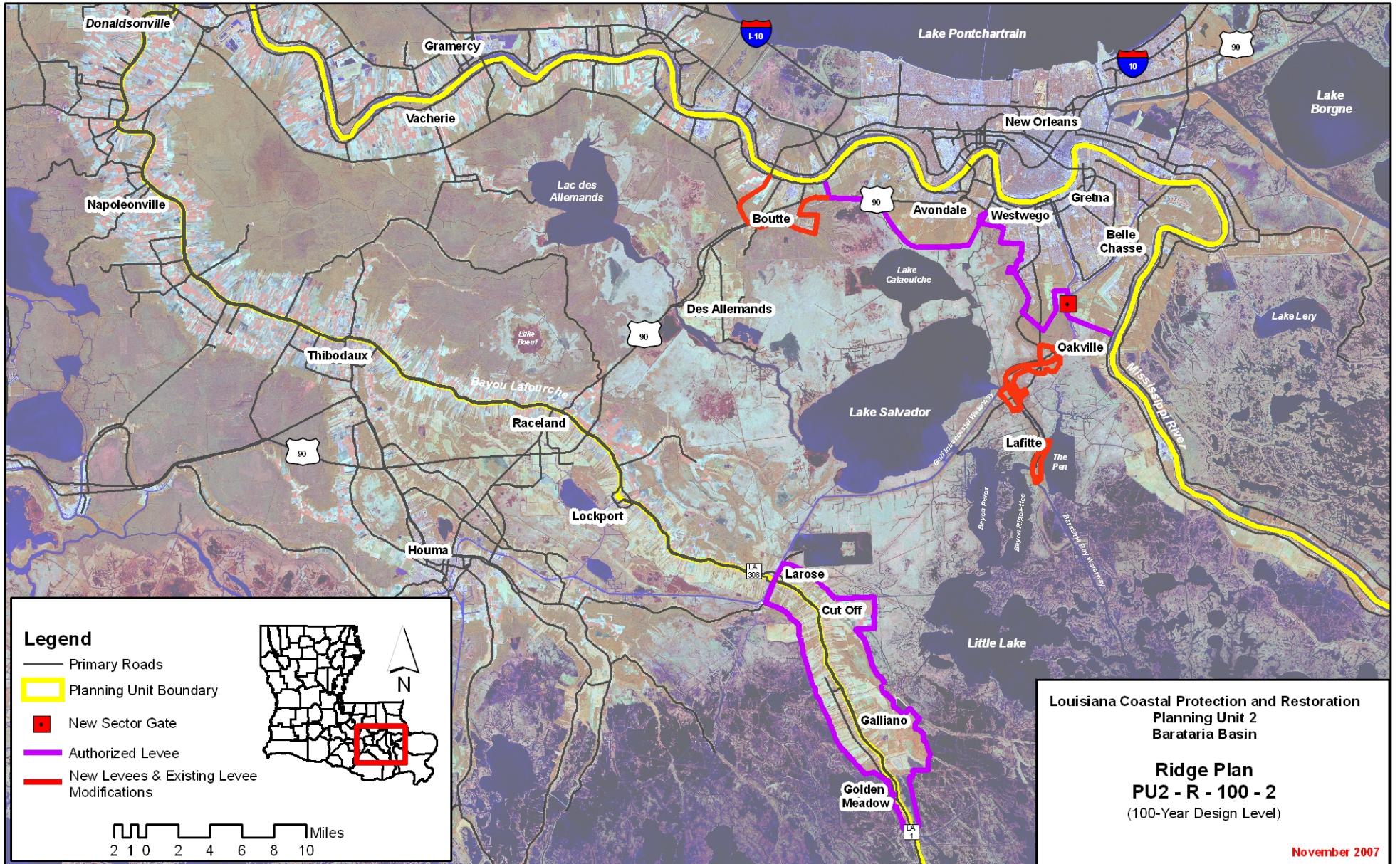
Planning Unit:	2	Alt. No.:	PU2-R-100-2	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte and construct/raise Lafitte ring levees to 100-year level of risk reduction.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

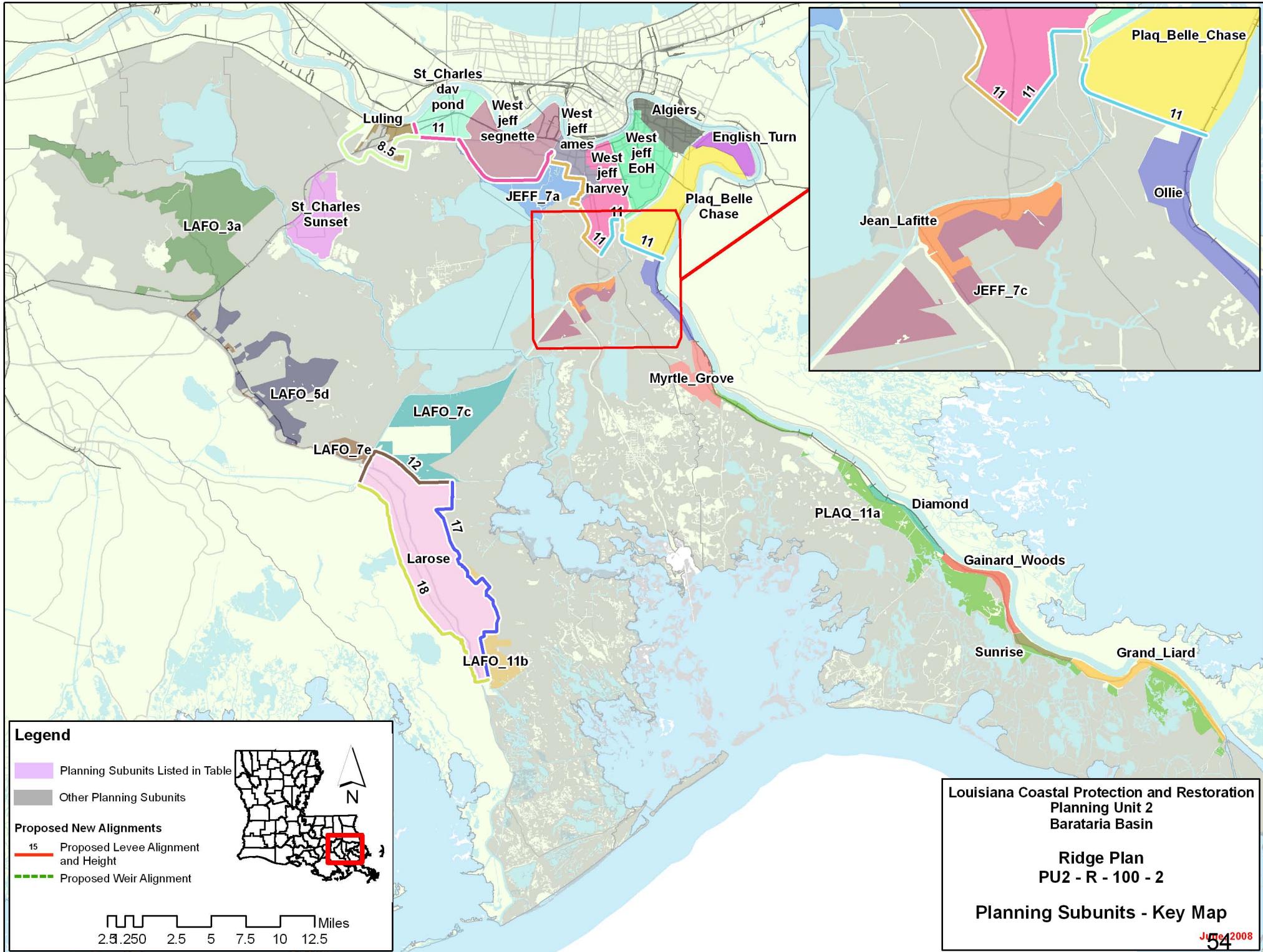
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,194	14,816	357	610	1,313	92	449	17	8
		Mid		18,681	744	1,178	2,977	209	266	15	7
		Low		20,398	1,017	1,585	4,056	272	160	14	6
2	High RSLR High Employment Dispersed Population	High	1,198	15,543	484	856	1,941	153	449	15	7
		Mid		18,975	809	1,234	3,075	218	266	14	7
		Low		20,576	1,083	1,644	4,180	286	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,194	10,055	335	558	1,214	82	449	17	8
		Mid		13,558	687	964	2,595	170	266	15	7
		Low		15,244	936	1,310	3,510	221	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,198	10,584	429	731	1,619	121	449	15	7
		Mid		13,716	732	1,012	2,671	177	266	14	7
		Low		15,321	975	1,359	3,565	227	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	8,306	8,331	Structural Component		7,730	7,770	7,730
	3 / 4	8,306	8,331	Total Project		23,386	23,459	23,386

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,155	2,834	2,154	1,512	1,039	2,129	1,404	
100-year	46,652	4,924	49,467	6,496	37,218	3,728	39,133	4,848	
400-year	51,671	39,518	53,124	40,414	40,614	33,221	41,659	33,699	
1,000-year	53,208	43,310	54,188	44,076	41,777	35,876	42,556	36,271	
2,000-year	53,965	44,520	54,716	45,136	42,386	36,663	42,963	36,985	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-100-2
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.5	9.0	9.0	12.0	12.0	15.0	-2.5	15.0	9.0	15.0	12.0
Luling	6.1	2.2	8.6	8.1	10.2	8.5	11.8	2.2	15.5	8.1	17.4	8.5
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.7	11.0	5.1	11.3	11.3	11.6	-2.7	14.3	5.1	15.8	11.3
St_Charles_dav_pond	1.6	1.6	4.8	4.8	11.0	11.0	11.0	1.6	13.2	4.8	14.5	11.0
St_Charles_Sunset	7.0	7.0	9.4	9.4	10.7	10.7	10.0	10.2	12.3	12.6	13.7	13.9
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	11.0	11.3	11.3	11.6	-1.5	14.3	11.0	15.8	11.3
West_jeff_EoH	-3.5	-3.6	11.0	11.0	11.3	11.3	11.6	-3.6	14.3	11.0	15.8	11.3
West_jeff_harvey	-2.4	-2.4	11.0	11.0	11.3	11.3	11.6	-2.4	14.3	11.0	15.8	11.3
West_jeff_segnette	-3.9	-3.9	11.0	11.0	11.3	11.3	11.6	-3.9	14.3	11.0	15.8	11.3
Evaluation Parameters	Confidence Level:			90%	Levee Design:	No Friction Waves				Levee Overtopping:	No Friction Waves	
	Future Relative Sea Level Rise:			3.2 feet		No Friction Waves					No Friction Waves	

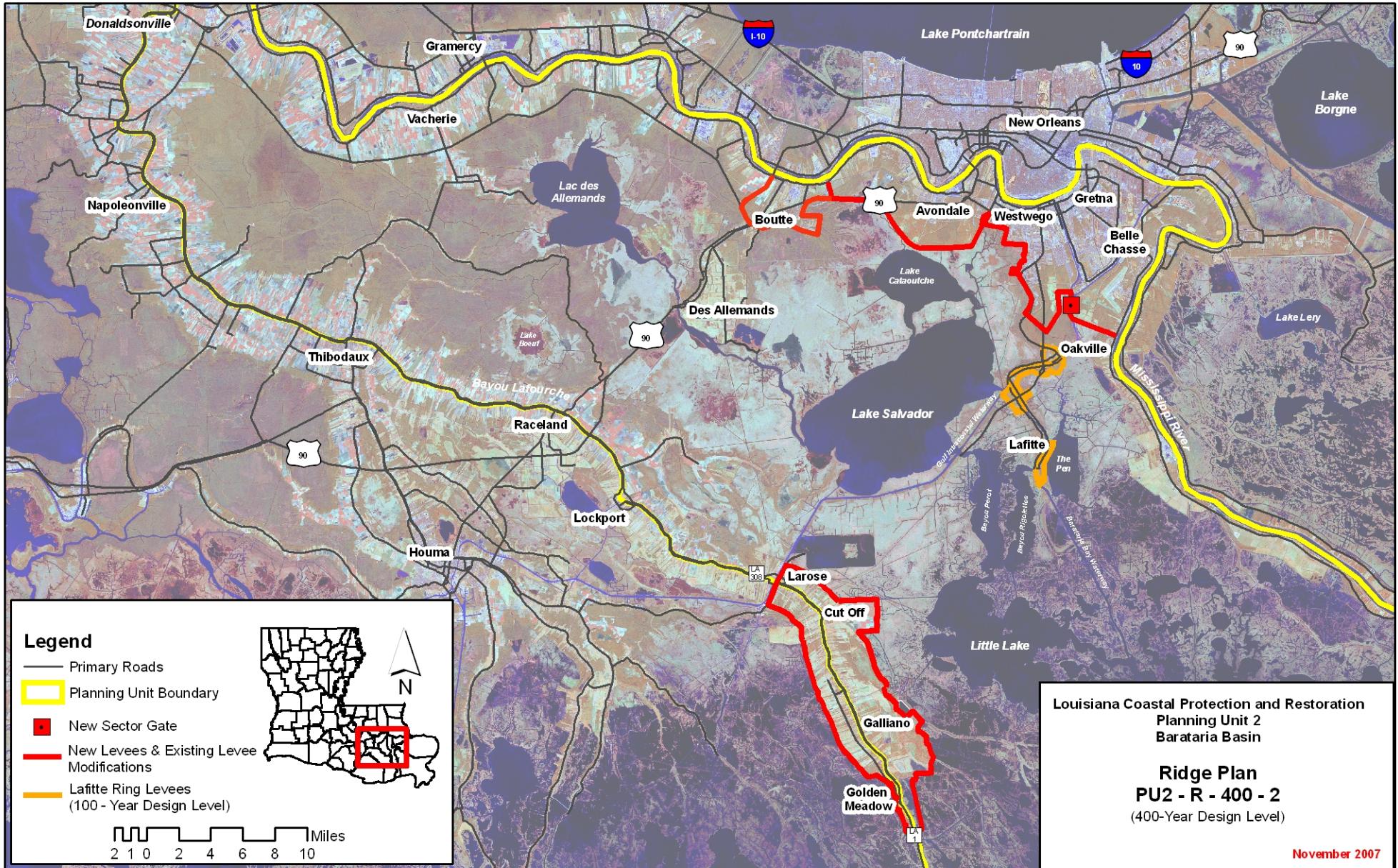
Planning Unit:	2	Alt. No.:	PU2-R-400-2	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte and raise those levees as well as Larose to Golden Meadow levees to 400-year level				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

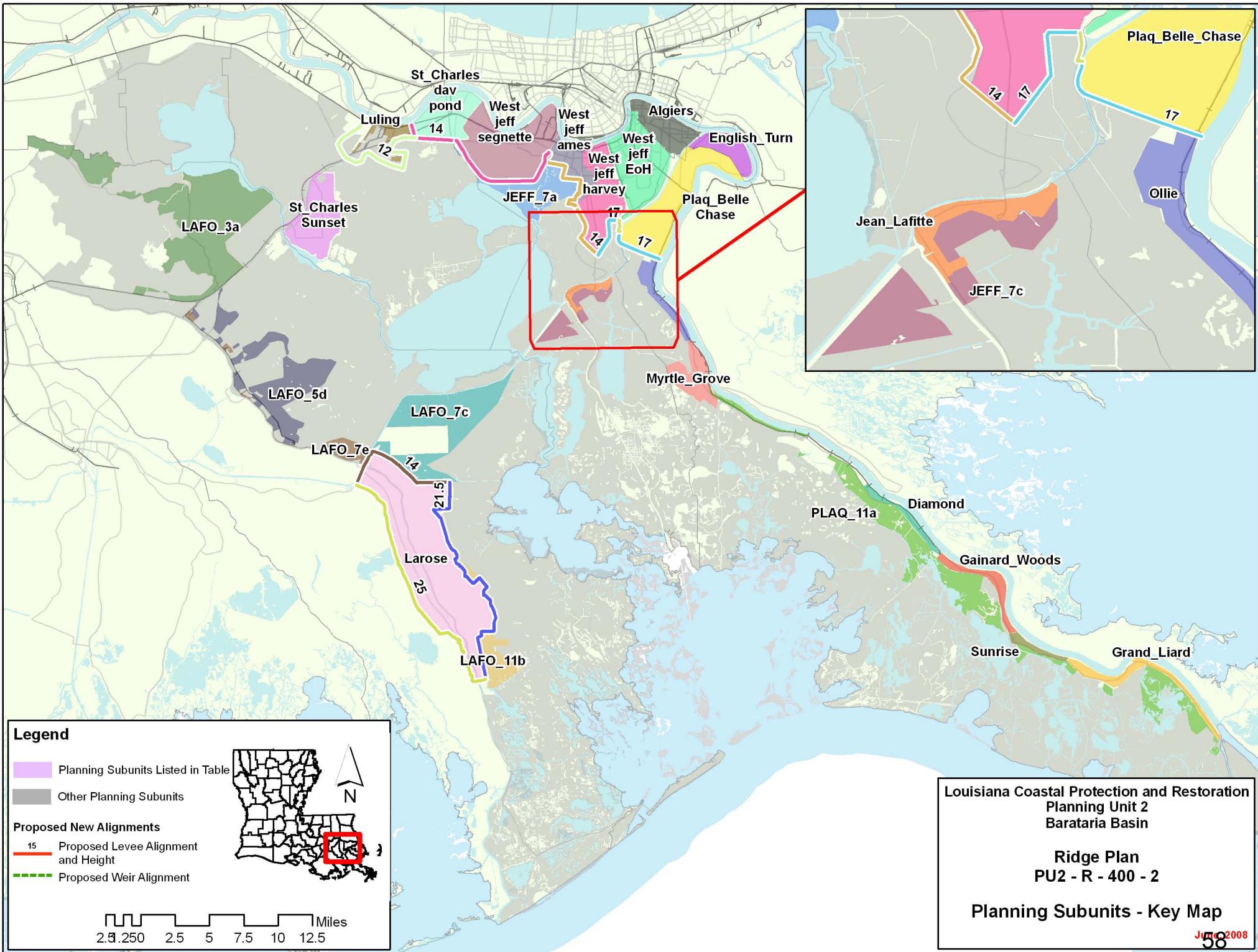
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,097	14,989	370	639	1,378	99	266	26	9
		Mid		18,421	741	1,206	2,984	216	213	26	9
		Low		19,489	916	1,458	3,570	246	160	25	8
2	High RSLR High Employment Dispersed Population	High	2,104	15,857	520	923	2,120	170	266	26	9
		Mid		18,733	810	1,266	3,087	225	213	25	9
		Low		19,668	983	1,521	3,698	260	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,097	10,200	344	583	1,263	87	266	26	9
		Mid		13,242	677	985	2,559	173	213	26	9
		Low		14,331	831	1,195	3,034	196	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,104	10,837	458	785	1,749	134	266	26	9
		Mid		13,411	726	1,038	2,642	181	213	25	9
		Low		14,409	871	1,249	3,095	203	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	14,963	15,011	Structural Component		25,409	25,515	25,409
	3 / 4	14,963	15,011	Total Project		41,066	41,204	41,066

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 400-year Design
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
	10-year	1,583	1,155	2,834	2,154	1,512	1,039	2,129
100-year	46,652	4,916	49,467	6,488	37,218	3,720	39,133	4,839
400-year	51,671	7,969	53,124	8,865	40,614	5,405	41,659	5,883
1,000-year	53,208	13,049	54,188	13,815	41,777	9,667	42,556	10,062
2,000-year	53,965	32,054	54,716	32,670	42,386	26,735	42,963	27,057

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7%/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-400-2
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.9	9.0	-2.3	12.0	-0.5	15.0	-2.9	15.0	-2.3	15.0	-0.5
Luling	6.1	1.5	8.6	2.1	10.2	3.6	11.8	1.5	15.5	2.1	17.4	3.6
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.6	11.3	-1.8	11.6	-2.8	14.3	-2.6	15.8	-1.8
St_Charles_dav_pond	1.6	1.5	4.8	1.7	11.0	2.7	11.0	1.5	13.2	1.7	14.5	2.7
St_Charles_Sunset	7.0	7.0	9.4	9.4	10.7	10.7	10.0	10.2	12.3	12.6	13.7	13.9
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	-0.3	11.3	5.0	11.6	-1.5	14.3	-0.3	15.8	5.0
West_jeff_EoH	-3.5	-3.7	11.0	-3.6	11.3	-3.4	11.6	-3.7	14.3	-3.6	15.8	-3.4

West_jeff_harvey	-2.4	-2.5	11.0	-2.2	11.3	1.8	11.6	-2.5	14.3	-2.2	15.8	1.8
West_jeff_segnette	-3.9	-4.0	11.0	-3.8	11.3	-1.0	11.6	-4.0	14.3	-3.8	15.8	-1.0
Evaluation Parameters	Confidence Level:			90%		Levee Design:			No Friction Waves			
	Future Sea Level Rise:			3.2 feet		Levee Overtopping:			No Friction Waves			

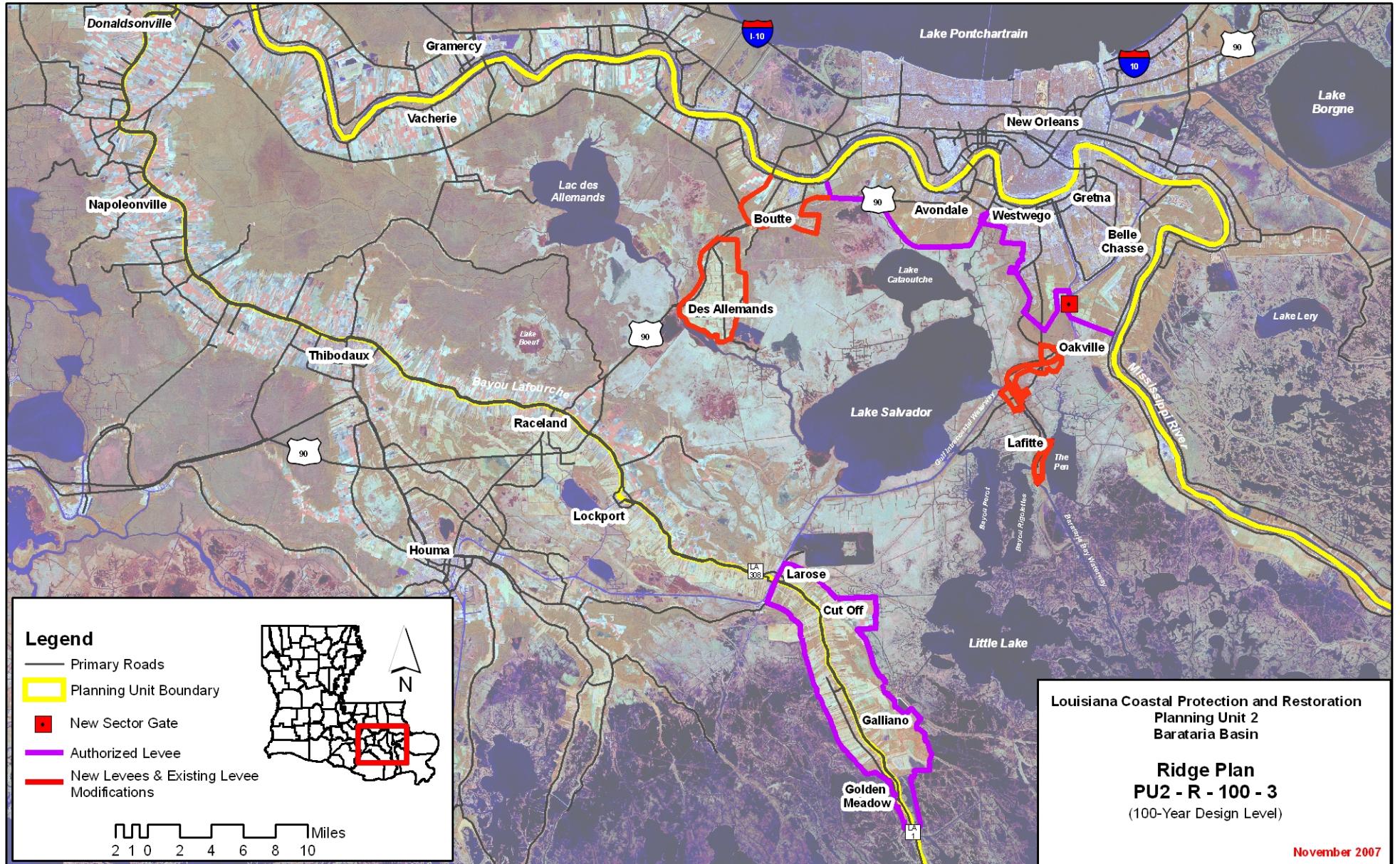
Planning Unit:	2	Alt. No.:	PU2-R-100-3	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte and construct/raise Lafitte and Des Allemands ring levees to 100-year level of risk				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

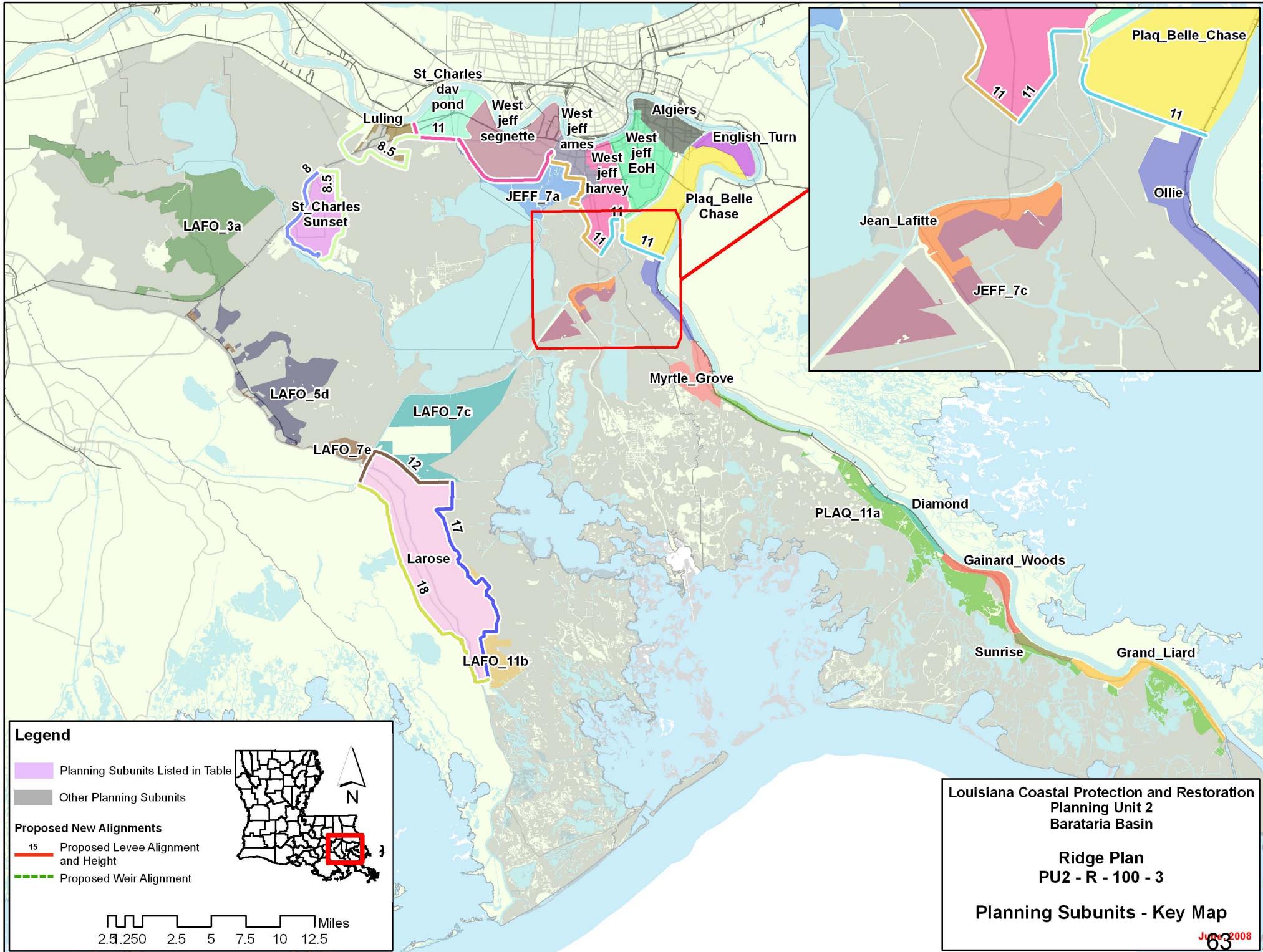
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,318	13,925	341	591	1,260	89	449	17	7
		Mid		17,790	722	1,145	2,883	202	266	15	7
		Low		19,537	993	1,554	3,967	266	160	14	6
2	High RSLR High Employment Dispersed Population	High	1,322	14,652	463	826	1,860	147	449	15	7
		Mid		18,084	783	1,201	2,981	211	266	14	7
		Low		19,716	1,054	1,612	4,092	279	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,318	9,462	319	539	1,161	79	449	17	7
		Mid		12,955	668	938	2,525	166	266	15	7
		Low		14,663	914	1,285	3,442	217	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,322	9,992	410	708	1,562	118	449	15	7
		Mid		13,113	709	986	2,601	173	266	14	7
		Low		14,740	949	1,333	3,497	223	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	9,190	9,220	Structural Component		10,147	10,201	10,147
	3 / 4	9,190	9,220	Total Project		25,803	25,890	25,803

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,012	2,834	1,931	1,512	892	2,129	1,146	
100-year	46,652	4,440	49,467	5,799	37,218	3,382	39,133	4,356	
400-year	51,671	38,985	53,124	39,790	40,614	32,964	41,659	33,401	
1,000-year	53,208	42,957	54,188	43,656	41,777	35,733	42,556	36,100	
2,000-year	53,965	44,131	54,716	44,688	42,386	36,509	42,963	36,809	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-100-3
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.5	9.0	9.0	12.0	12.0	15.0	-2.5	15.0	9.0	15.0	12.0
Luling	6.1	2.2	8.6	8.1	10.2	8.5	11.8	2.2	15.5	8.1	17.4	8.5
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.7	11.0	5.1	11.3	11.3	11.6	-2.7	14.3	5.1	15.8	11.3
St_Charles_dav_pond	1.6	1.6	4.8	4.8	11.0	11.0	11.0	1.6	13.2	4.8	14.5	11.0
St_Charles_Sunset	7.0	-4.7	9.4	5.7	10.7	8.5	10.0	-4.7	12.3	5.7	13.7	8.5
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	11.0	11.3	11.3	11.6	-1.5	14.3	11.0	15.8	11.3
West_jeff_EoH	-3.5	-3.6	11.0	11.0	11.3	11.3	11.6	-3.6	14.3	11.0	15.8	11.3
West_jeff_harvey	-2.4	-2.4	11.0	11.0	11.3	11.3	11.6	-2.4	14.3	11.0	15.8	11.3
West_jeff_segnette	-3.9	-3.9	11.0	11.0	11.3	11.3	11.6	-3.9	14.3	11.0	15.8	11.3
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

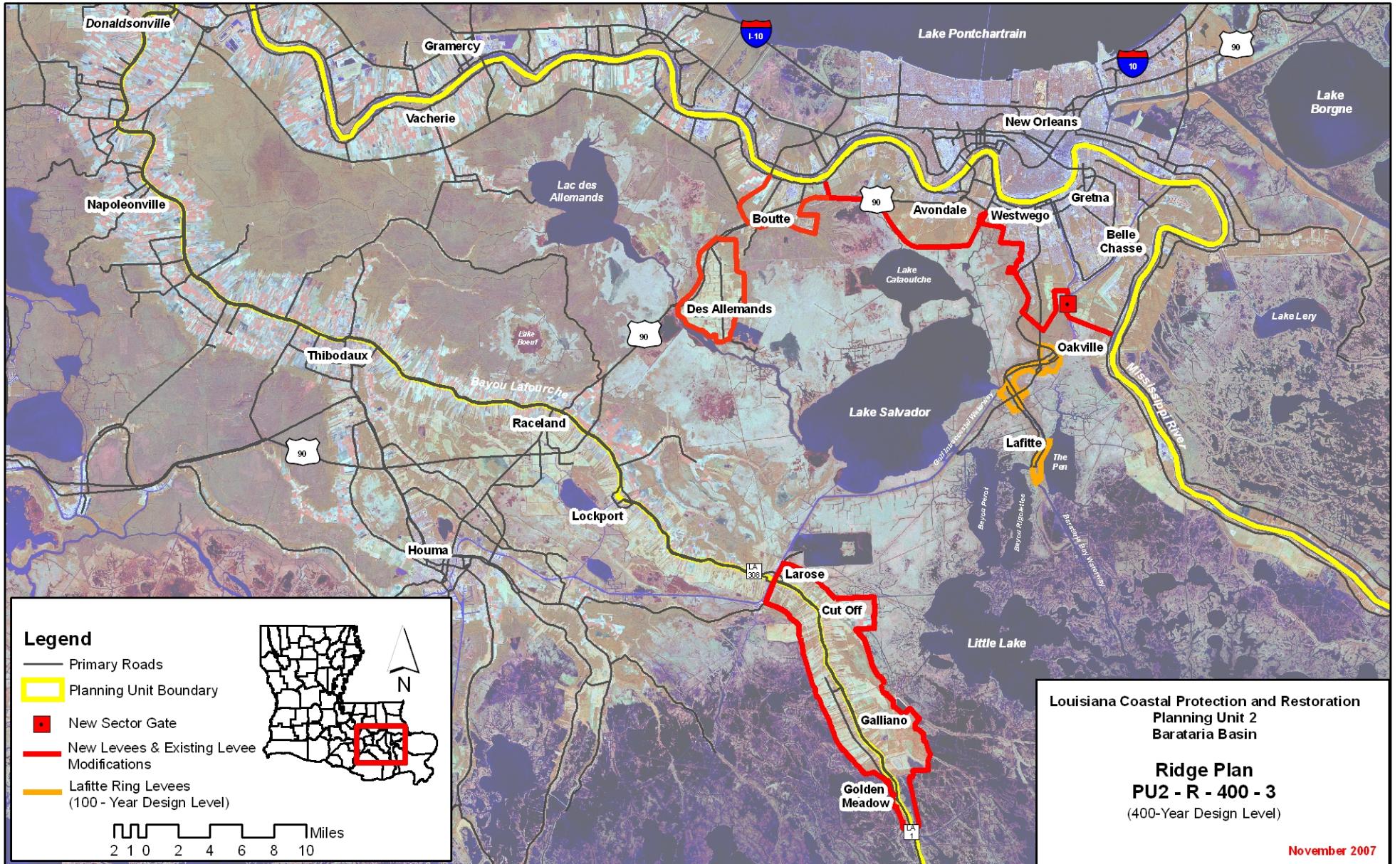
Planning Unit:	2	Alt. No.:	PU2-R-400-3	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte and raise those levees as well as Des Allemands and Larose to Golden Meadow levees				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

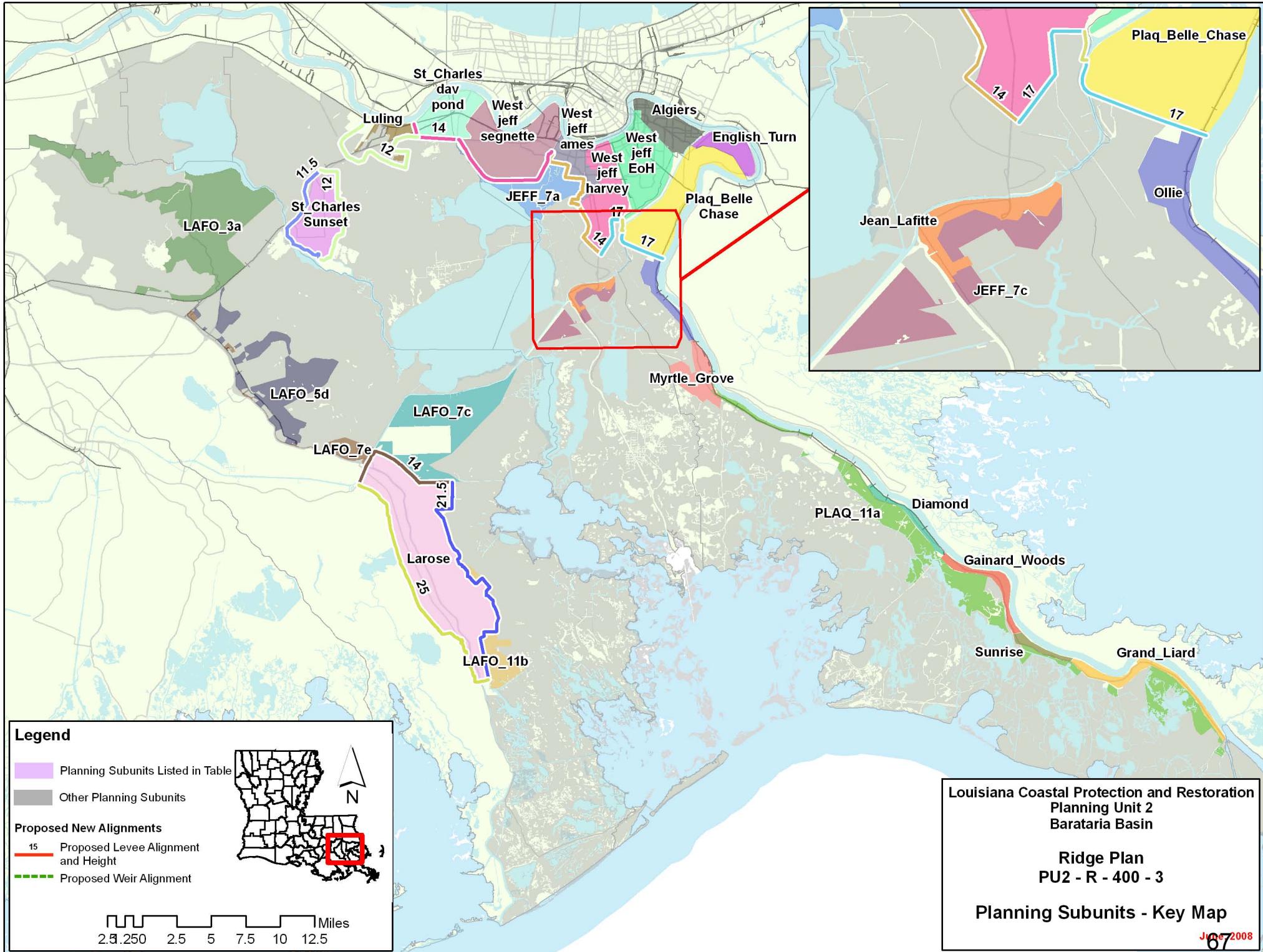
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,246	13,733	332	585	1,236	88	449	26	9
		Mid		16,883	660	1,070	2,611	185	266	26	9
		Low		17,898	821	1,316	3,173	214	160	25	8
2	High RSLR High Employment Dispersed Population	High	2,253	14,459	455	821	1,837	145	449	26	9
		Mid		17,177	720	1,126	2,710	194	266	25	9
		Low		18,076	881	1,375	3,298	228	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,246	9,265	310	533	1,135	78	449	26	9
		Mid		12,064	607	874	2,262	150	266	26	9
		Low		13,106	748	1,078	2,715	172	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,253	9,795	402	702	1,536	117	449	26	9
		Mid		12,222	648	922	2,338	157	266	25	9
		Low		13,182	783	1,126	2,770	179	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		0	0	0
	1 / 2	15,965	16,019	Structural Component		28,318	28,440	28,318
	3 / 4	15,965	16,019	Total Project		43,975	44,128	43,975

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	1,012	2,834	1,931	1,512	892	2,129	1,146	
100-year	46,652	4,431	49,467	5,790	37,218	3,374	39,133	4,347	
400-year	51,671	7,165	53,124	7,970	40,614	4,850	41,659	5,287	
1,000-year	53,208	12,156	54,188	12,854	41,777	9,073	42,556	9,439	
2,000-year	53,965	31,126	54,716	31,684	42,386	26,134	42,963	26,433	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-400-3
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	5.8	8.7	8.7	10.9	10.9	10.6	9.0	13.4	11.9	15.1	14.1
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	8.1	11.3	11.3	13.4	13.4	12.5	11.3	15.3	14.5	17.3	16.6
Larose	-2.5	-2.9	9.0	-2.3	12.0	-0.5	15.0	-2.9	15.0	-2.3	15.0	-0.5
Luling	6.1	1.5	8.6	2.1	10.2	3.6	11.8	1.5	15.5	2.1	17.4	3.6
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.6	11.3	-1.8	11.6	-2.8	14.3	-2.6	15.8	-1.8
St_Charles_dav_pond	1.6	1.5	4.8	1.7	11.0	2.7	11.0	1.5	13.2	1.7	14.5	2.7
St_Charles_Sunset	7.0	-5.1	9.4	-4.8	10.7	-3.4	10.0	-5.1	12.3	-4.8	13.7	-3.4
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	-0.3	11.3	5.0	11.6	-1.5	14.3	-0.3	15.8	5.0
West_jeff_EoH	-3.5	-3.7	11.0	-3.6	11.3	-3.4	11.6	-3.7	14.3	-3.6	15.8	-3.4
West_jeff_harvey	-2.4	-2.5	11.0	-2.2	11.3	1.8	11.6	-2.5	14.3	-2.2	15.8	1.8
West_jeff_segnette	-3.9	-4.0	11.0	-3.8	11.3	-1.0	11.6	-4.0	14.3	-3.8	15.8	-1.0
Evaluation Parameters	Confidence Level:			90%		Levee Design:			No Friction Waves			
	Future Relative Sea Level Rise:			3.2 feet		Levee Overtopping:			No Friction Waves			

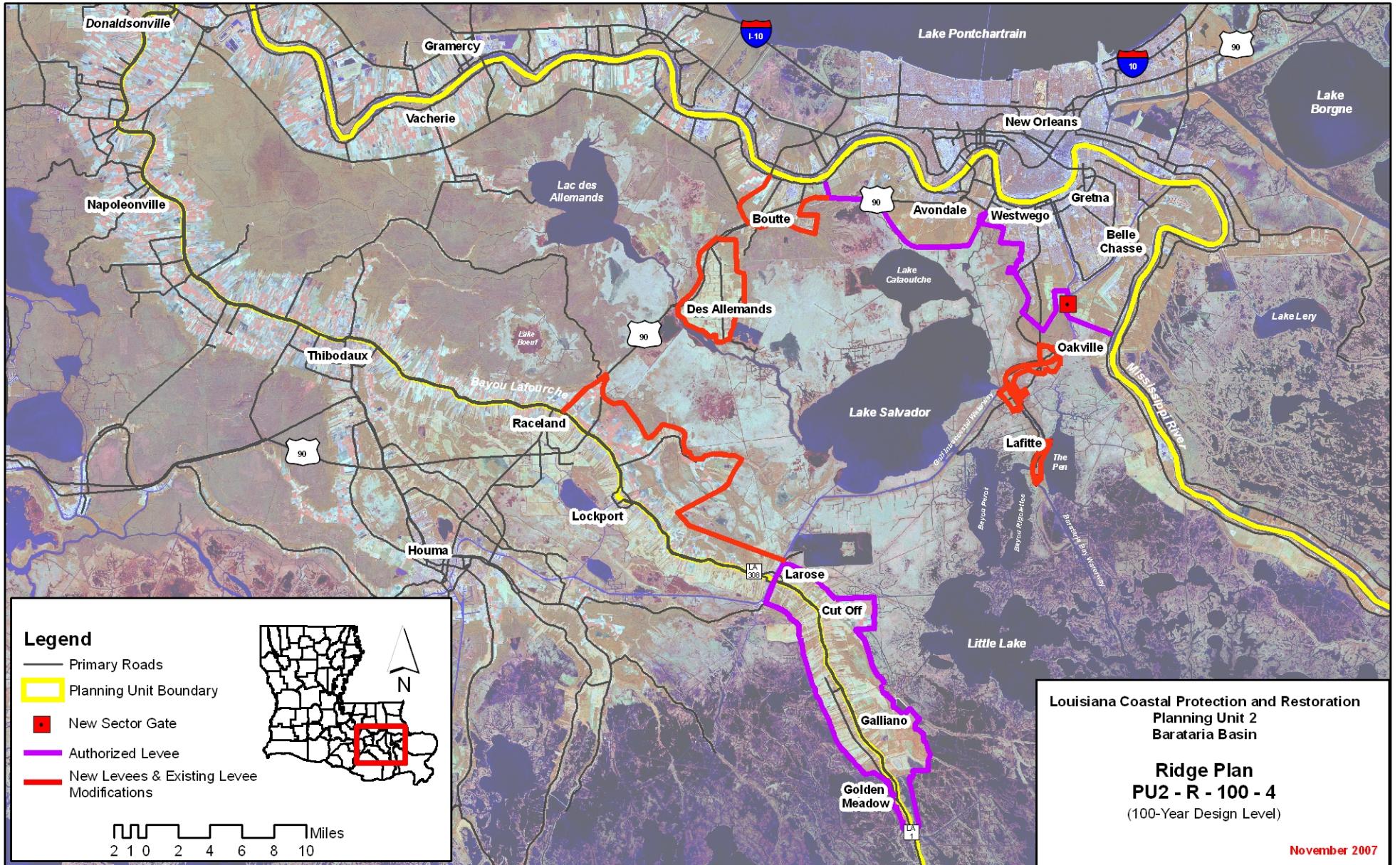
Planning Unit:	2	Alt. No.:	PU2-R-100-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Construct/raise Lafitte and Des Allemands ring levees to 100-year level of risk reduction and build new levees around Boutte and u				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

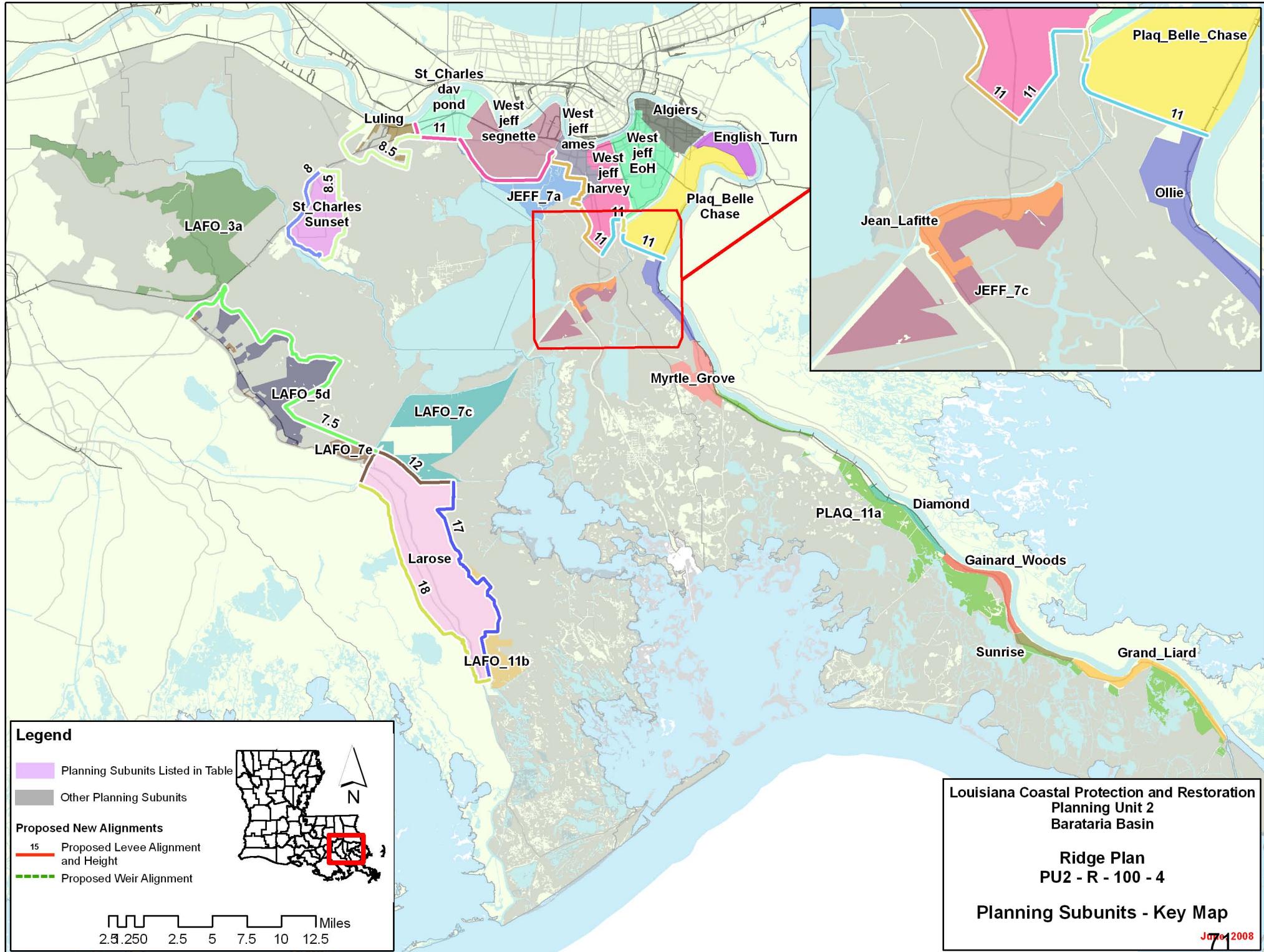
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,481	13,571	334	560	1,202	85	277	17	8
		Mid		17,385	713	1,086	2,802	195	224	15	7
		Low		19,105	980	1,484	3,849	256	171	14	6
2	High RSLR High Employment Dispersed Population	High	1,486	14,251	454	761	1,772	138	277	15	7
		Mid		17,643	769	1,128	2,879	201	224	14	7
		Low		19,259	1,037	1,532	3,965	268	171	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,481	8,994	313	513	1,112	75	277	17	8
		Mid		12,444	658	881	2,430	157	224	15	7
		Low		14,071	898	1,219	3,316	205	171	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,486	9,494	401	643	1,458	108	277	15	7
		Mid		12,581	692	913	2,485	162	224	14	7
		Low		14,136	925	1,251	3,358	210	171	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0	
	1 / 2	10,306	10,343	Structural Component		13,348	13,420	13,348	13,420
	3 / 4	10,306	10,343	Total Project		29,005	29,109	29,005	29,109

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 100-year Design
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
10-year	1,583	956	2,834	1,833	1,512	859	2,129	1,084
100-year	46,652	4,136	49,467	5,361	37,218	2,978	39,133	3,578
400-year	51,671	38,704	53,124	39,407	40,614	32,215	41,659	32,512
1,000-year	53,208	42,529	54,188	43,131	41,777	34,811	42,556	35,047
2,000-year	53,965	43,620	54,716	44,107	42,386	35,478	42,963	35,676

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-100-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	1.5	8.7	8.5	10.9	8.5	10.6	1.5	13.4	8.5	15.1	8.5
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	1.5	11.3	8.5	13.4	8.5	12.5	1.5	15.3	8.5	17.3	8.5
Larose	-2.5	-2.5	9.0	9.0	12.0	12.0	15.0	-2.5	15.0	9.0	15.0	12.0
Luling	6.1	2.2	8.6	8.1	10.2	8.5	11.8	2.2	15.5	8.1	17.4	8.5
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.7	11.0	5.1	11.3	11.3	11.6	-2.7	14.3	5.1	15.8	11.3
St_Charles_dav_pond	1.6	1.6	4.8	4.8	11.0	11.0	11.0	1.6	13.2	4.8	14.5	11.0
St_Charles_Sunset	7.0	-4.7	9.4	5.7	10.7	8.5	10.0	-4.7	12.3	5.7	13.7	8.5
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	11.0	11.3	11.3	11.6	-1.5	14.3	11.0	15.8	11.3
West_jeff_EoH	-3.5	-3.6	11.0	11.0	11.3	11.3	11.6	-3.6	14.3	11.0	15.8	11.3
West_jeff_harvey	-2.4	-2.4	11.0	11.0	11.3	11.3	11.6	-2.4	14.3	11.0	15.8	11.3
West_jeff_segnette	-3.9	-3.9	11.0	11.0	11.3	11.3	11.6	-3.9	14.3	11.0	15.8	11.3
Evaluation Parameters	Confidence Level:			90%	Levee Design:	No Friction Waves				Levee Overtopping:	No Friction Waves	
	Future Relative Sea Level Rise:			3.2 feet		No Friction Waves					No Friction Waves	

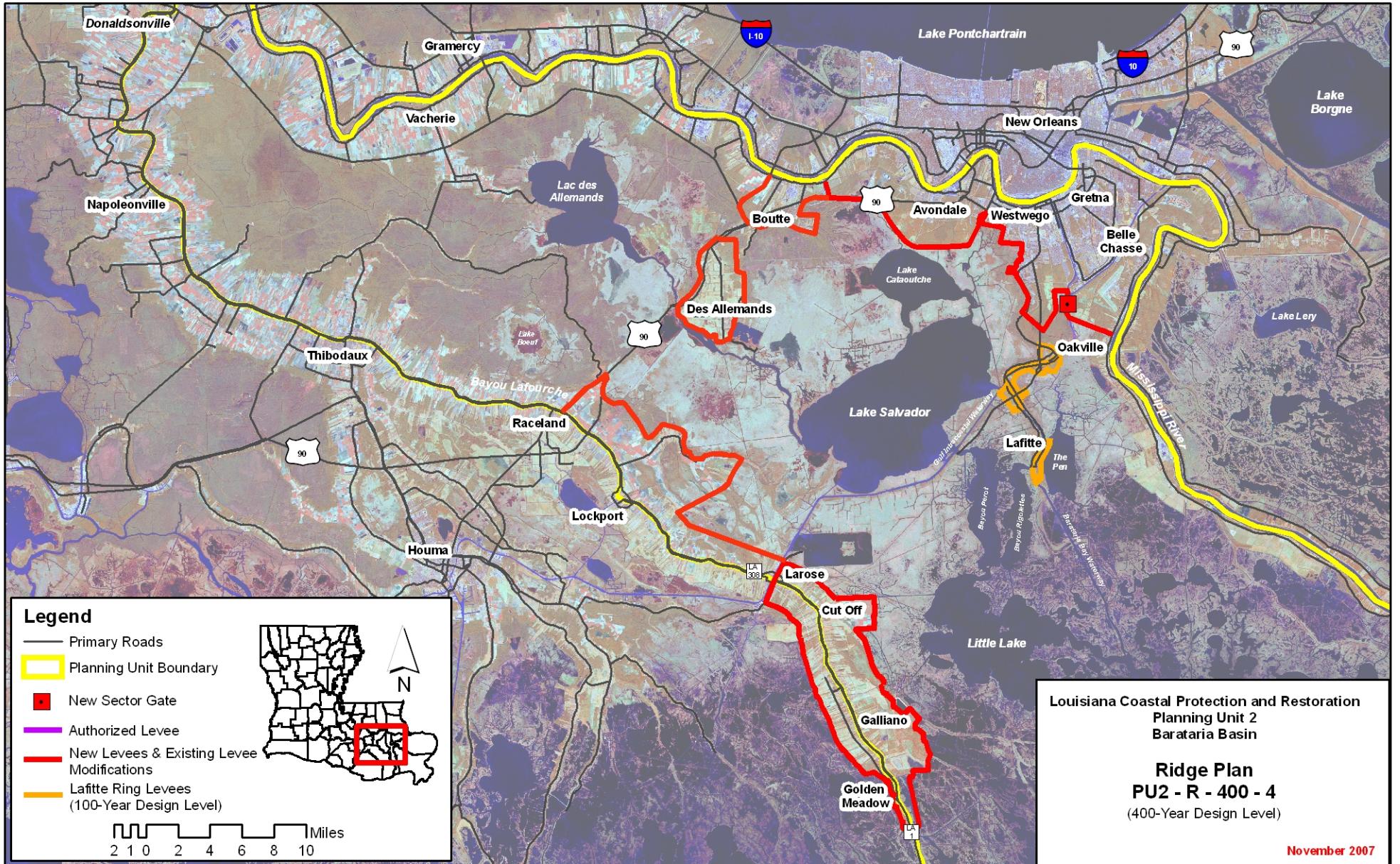
Planning Unit:	2	Alt. No.:	PU2-R-400-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte; extend levees from Larose up Bayou Lafourche to Highway 90; and raise Des Allemand				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

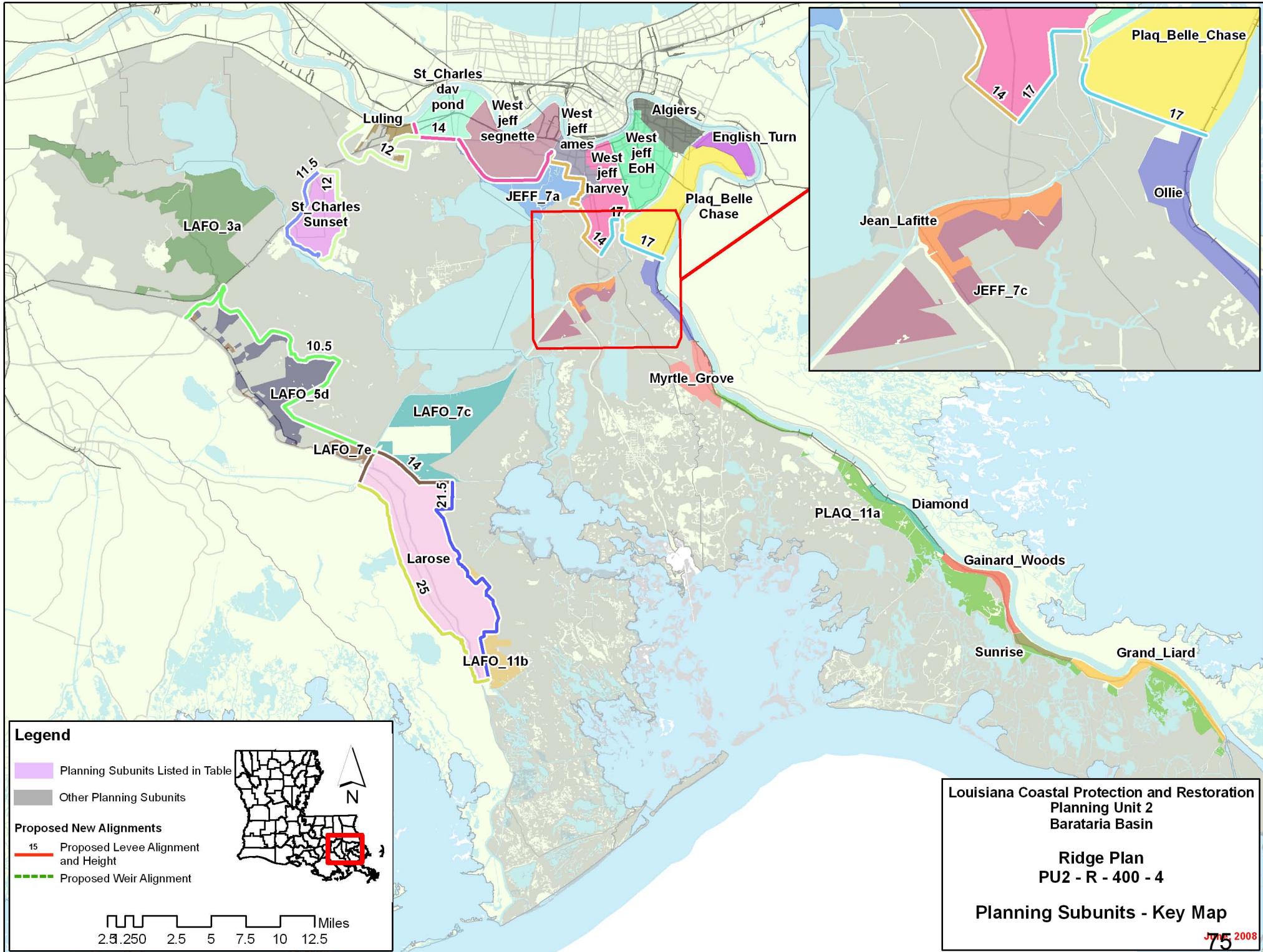
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,406	13,863	349	594	1,278	93	277	26	9
		Mid		17,220	712	1,122	2,823	202	224	26	9
		Low		18,233	879	1,360	3,366	230	171	25	8
2	High RSLR High Employment Dispersed Population	High	2,415	14,687	492	836	1,966	156	277	26	9
		Mid		17,499	774	1,168	2,906	209	224	25	9
		Low		18,389	938	1,413	3,486	243	171	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,406	9,240	325	542	1,170	81	277	26	9
		Mid		12,216	651	908	2,408	161	224	26	9
		Low		13,189	794	1,105	2,846	182	171	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,415	9,850	432	704	1,602	122	277	26	9
		Mid		12,366	689	946	2,471	167	224	25	9
		Low		13,256	823	1,144	2,895	187	171	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0	
	1 / 2	17,039	17,099	Structural Component		31,466	31,605	31,466	31,605
	3 / 4	17,039	17,099	Total Project		47,123	47,294	47,123	47,294

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	956	2,834	1,833	1,512	859	2,129	1,084	
100-year	46,652	4,126	49,467	5,351	37,218	2,968	39,133	3,568	
400-year	51,671	6,628	53,124	7,331	40,614	3,895	41,659	4,192	
1,000-year	53,208	11,468	54,188	12,071	41,777	7,932	42,556	8,168	
2,000-year	53,965	30,382	54,716	30,868	42,386	24,894	42,963	25,093	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7%/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-400-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions						
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event		
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9	
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1	
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7	
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9	
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1	
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2	
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3	
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2	
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3	
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2	
LAFO_5d	5.8	1.1	8.7	1.4	10.9	2.7	10.6	1.1	13.4	1.4	15.1	2.7	
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5	
LAFO_7e	8.1	1.1	11.3	1.4	13.4	2.7	12.5	1.1	15.3	1.4	17.3	2.7	
Larose	-2.5	-2.9	9.0	-2.3	12.0	-0.5	15.0	-2.9	15.0	-2.3	15.0	-0.5	
Luling	6.1	1.5	8.6	2.1	10.2	3.6	11.8	1.5	15.5	2.1	17.4	3.6	
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9	
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5	
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1	
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.6	11.3	-1.8	11.6	-2.8	14.3	-2.6	15.8	-1.8	
St_Charles_dav_pond	1.6	1.5	4.8	1.7	11.0	2.7	11.0	1.5	13.2	1.7	14.5	2.7	
St_Charles_Sunset	7.0	-5.1	9.4	-4.8	10.7	-3.4	10.0	-5.1	12.3	-4.8	13.7	-3.4	
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1	
West_jeff_ames	-1.5	-1.5	11.0	-0.3	11.3	5.0	11.6	-1.5	14.3	-0.3	15.8	5.0	
West_jeff_EoH	-3.5	-3.7	11.0	-3.6	11.3	-3.4	11.6	-3.7	14.3	-3.6	15.8	-3.4	
West_jeff_harvey	-2.4	-2.5	11.0	-2.2	11.3	1.8	11.6	-2.5	14.3	-2.2	15.8	1.8	
West_jeff_segnette	-3.9	-4.0	11.0	-3.8	11.3	-1.0	11.6	-4.0	14.3	-3.8	15.8	-1.0	
Evaluation Parameters	Confidence Level:			90%	Levee Design:	No Friction Waves					Levee Overtopping:	No Friction Waves	
	Future Relative Sea Level Rise:			3.2 feet		No Friction Waves						No Friction Waves	

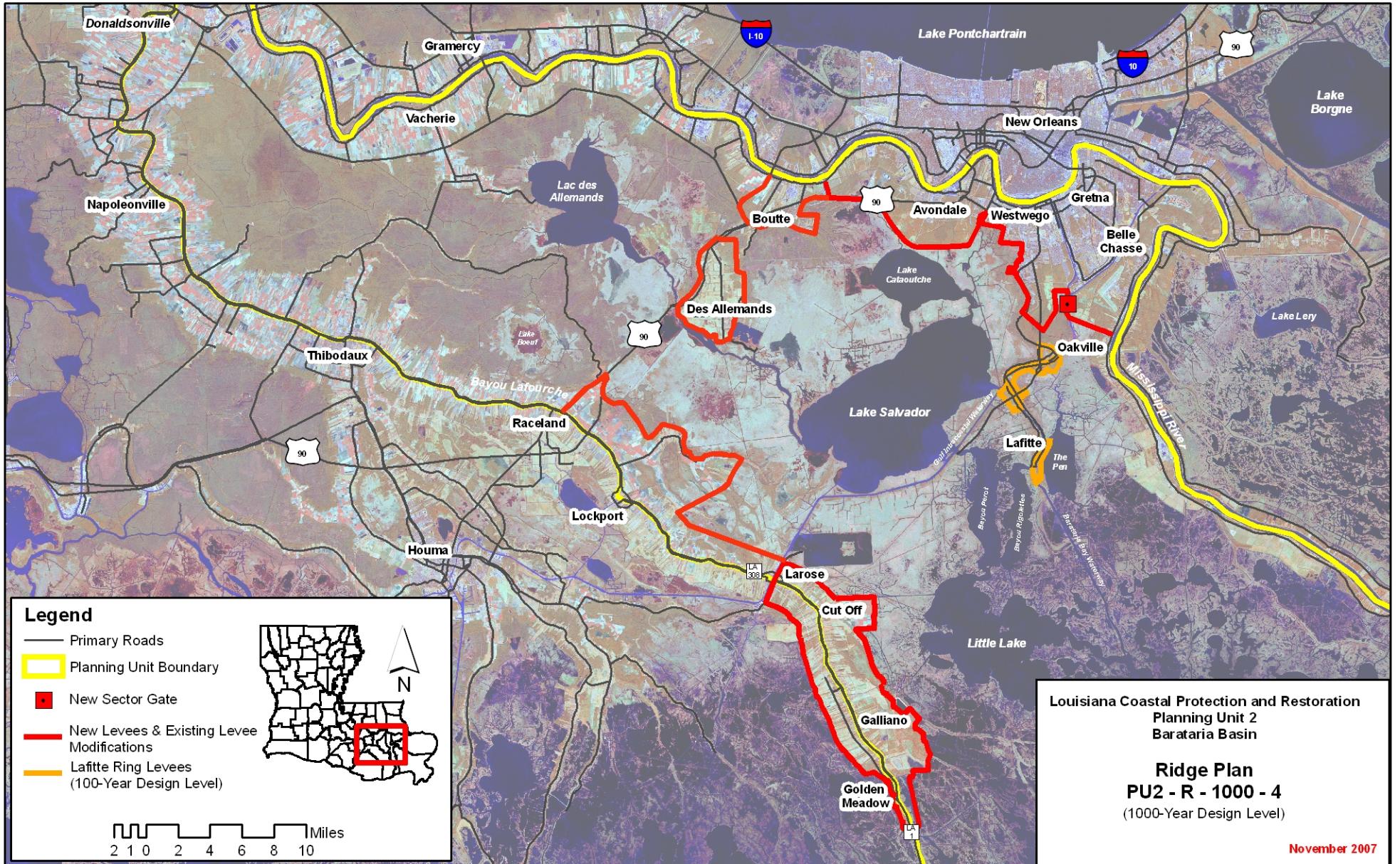
Planning Unit:	2	Alt. No.:	PU2-R-1000-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Construct new sector gate on Bayou Barataria to reduce risk on the West Bank. Extend West Bank and Vicinity levees to Boutte; extend levees from Larose up Bayou Lafourche to Highway 90; and raise Des Allemand				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

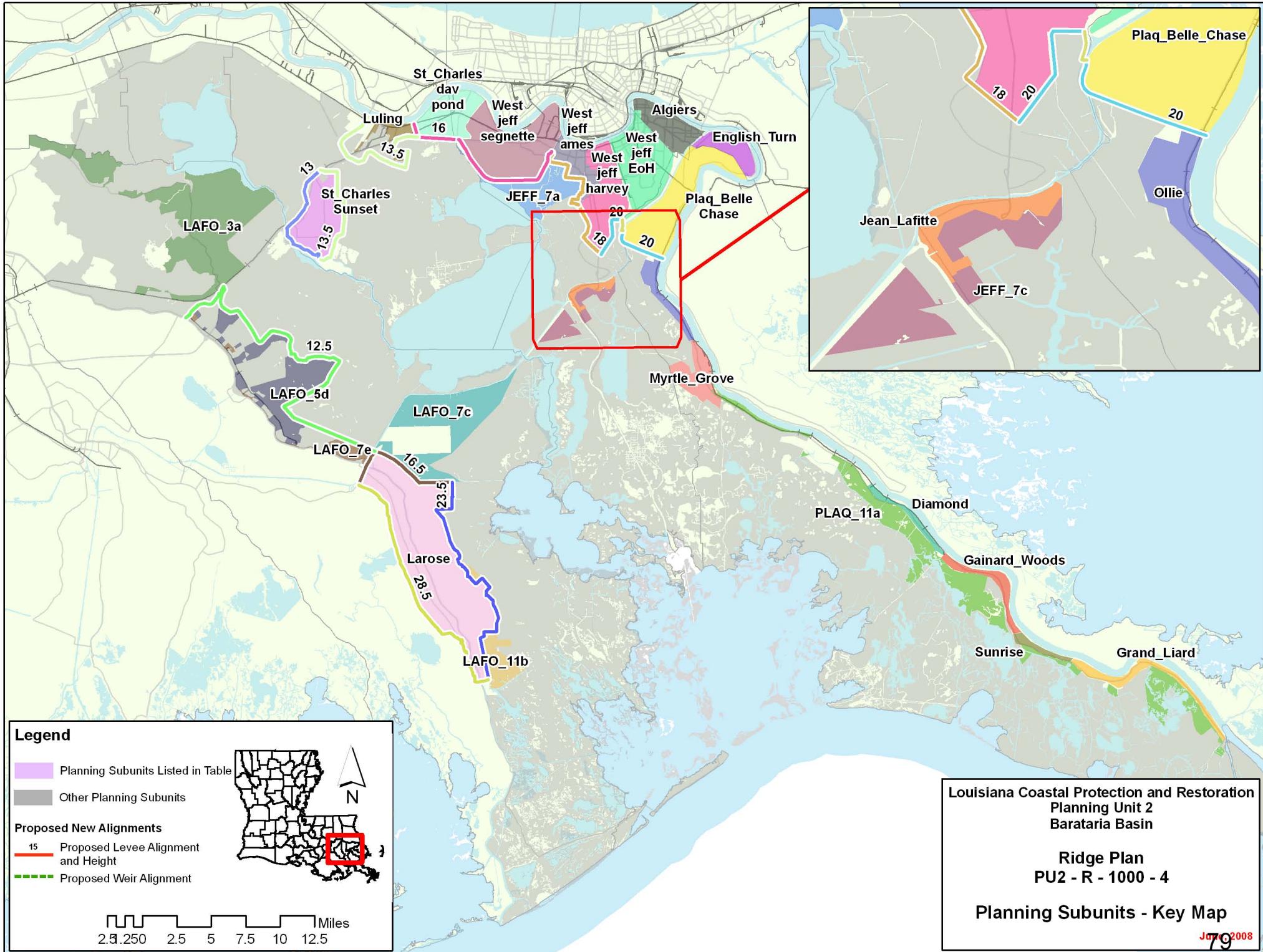
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,800	13,863	349	594	1,278	93	277	26	9
		Mid		17,199	711	1,121	2,821	202	224	26	9
		Low		18,067	870	1,351	3,331	228	171	25	8
2	High RSLR High Employment Dispersed Population	High	2,832	14,687	492	836	1,966	156	277	26	9
		Mid		17,478	773	1,168	2,905	209	224	26	9
		Low		18,223	929	1,404	3,451	241	171	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,800	9,240	325	542	1,170	81	277	26	9
		Mid		12,195	650	907	2,406	161	224	26	9
		Low		13,029	786	1,097	2,811	180	171	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,832	9,850	432	704	1,602	122	277	26	9
		Mid		12,346	689	946	2,469	167	224	26	9
		Low		13,096	814	1,136	2,860	185	171	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	19,773	19,994	Structural Component		39,174	39,774	39,174
	3 / 4	19,773	19,994	Total Project		54,831	55,462	54,831

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan Ridge Alt 1000-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	956	2,834	1,833	1,512	859	2,129	1,084	
100-year	46,652	4,126	49,467	5,351	37,218	2,968	39,133	3,568	
400-year	51,671	6,541	53,124	7,244	40,614	3,820	41,659	4,117	
1,000-year	53,208	7,328	54,188	7,930	41,777	4,159	42,556	4,395	
2,000-year	53,965	8,995	54,716	9,482	42,386	5,448	42,963	5,647	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7%/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-R-1000-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.7	18.9	18.9	16.2	16.2	26.3	19.9	30.2	22.1
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.3	19.7	19.7	16.7	16.7	20.5	20.5	22.9	22.9
Grand_Liard	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
Jean_Lafitte	8.4	8.4	11.9	11.9	14.0	14.0	13.0	11.6	16.9	15.1	19.3	17.2
JEFF_7a	7.7	7.7	10.8	10.8	13.1	13.1	12.8	10.9	17.1	14.0	18.2	16.3
JEFF_7c	8.4	8.4	11.9	11.9	14.0	14.0	22.7	11.6	27.6	15.1	30.0	17.2
LAFO_11b	11.6	11.6	14.5	14.5	16.1	16.1	14.4	14.8	16.9	17.7	18.4	19.3
LAFO_3a	3.9	3.9	5.1	5.1	6.0	6.0	7.0	7.1	8.2	8.3	9.0	9.2
LAFO_5d	5.8	1.1	8.7	1.1	10.9	1.5	10.6	1.1	13.4	1.1	15.1	1.5
LAFO_7c	7.1	7.1	9.1	9.1	10.3	10.3	12.0	10.3	14.2	12.3	15.4	13.5
LAFO_7e	8.1	1.1	11.3	1.1	13.4	1.5	12.5	1.1	15.3	1.1	17.3	1.5
Larose	-2.5	-2.9	9.0	-2.8	12.0	-2.4	15.0	-2.9	15.0	-2.8	15.0	-2.4
Luling	6.1	1.5	8.6	1.6	10.2	2.2	11.8	1.5	15.5	1.6	17.4	2.2
Myrtle_Grove	10.3	10.3	13.8	13.8	15.7	15.7	13.5	13.5	17.3	17.0	18.6	18.9
Ollie	8.0	8.0	13.2	13.2	15.3	15.3	11.2	11.2	19.2	16.4	22.1	18.5
PLAQ_11a	12.5	12.5	16.7	16.7	18.9	18.9	15.9	15.7	20.5	19.9	22.9	22.1
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.7	11.3	-2.6	11.6	-2.8	14.3	-2.7	15.8	-2.6
St_Charles_dav_pond	1.6	1.5	4.8	1.6	11.0	1.7	11.0	1.5	13.2	1.6	14.5	1.7
St_Charles_Sunset	7.0	-5.1	9.4	-5.0	10.7	-4.7	10.0	-5.1	12.3	-5.0	13.7	-4.7
Sunrise	15.0	15.0	16.7	16.7	18.9	18.9	18.2	18.2	26.3	19.9	30.2	22.1
West_jeff_ames	-1.5	-1.5	11.0	-1.5	11.3	-0.5	11.6	-1.5	14.3	-1.5	15.8	-0.5
West_jeff_EoH	-3.5	-3.7	11.0	-3.7	11.3	-3.6	11.6	-3.7	14.3	-3.7	15.8	-3.6
West_jeff_harvey	-2.4	-2.5	11.0	-2.5	11.3	-2.2	11.6	-2.5	14.3	-2.5	15.8	-2.2
West_jeff_segnette	-3.9	-4.0	11.0	-4.0	11.3	-3.8	11.6	-4.0	14.3	-4.0	15.8	-3.8
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

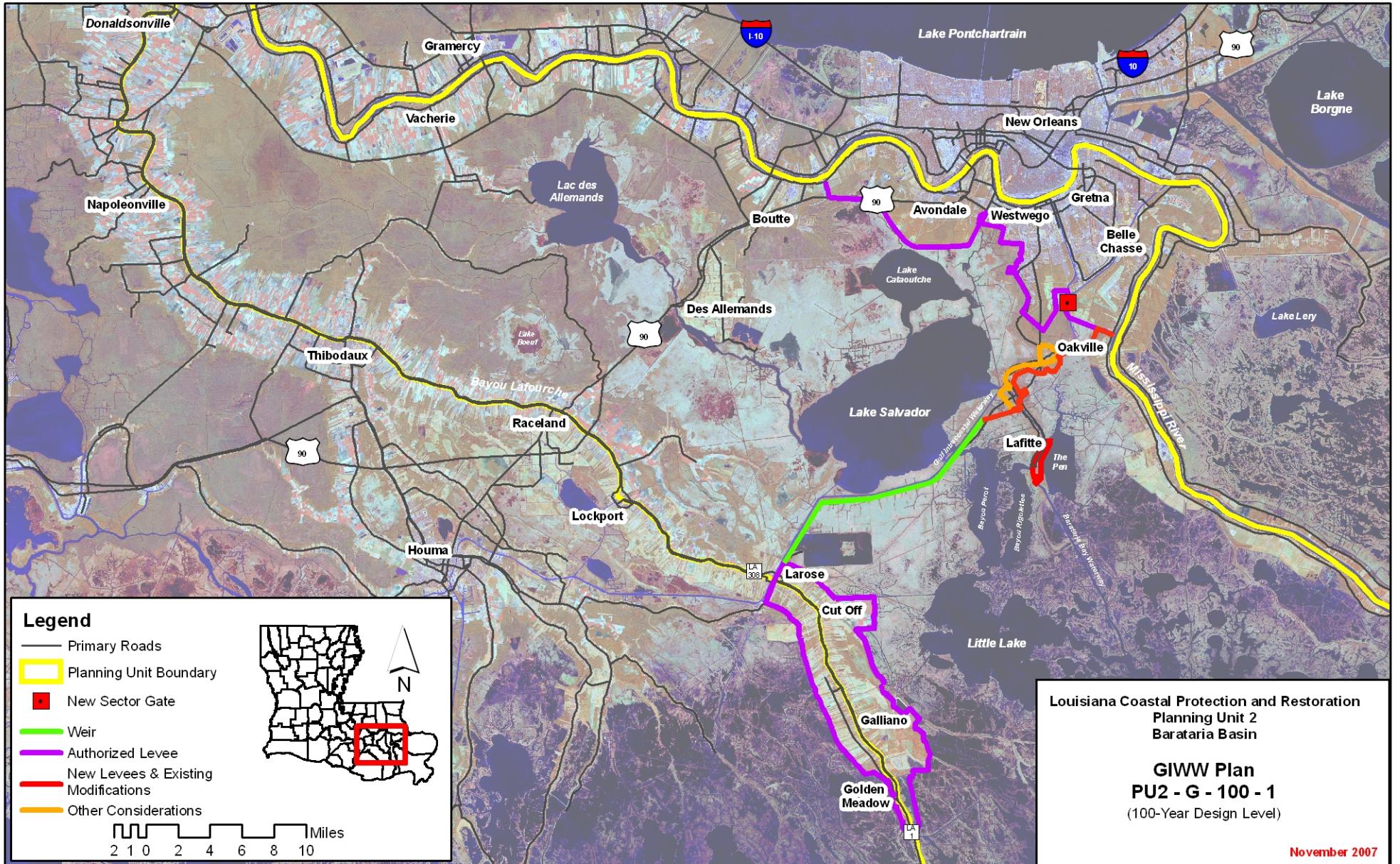
Planning Unit:	2	Alt. No.:	PU2-G-100-1	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Similar structural features as PU2-WBI-100-1 but with additional barrier-weir and levees along the GIWW to reduce risk to areas within the Barataria Basin. Also reduces risk to the Lafitte area.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

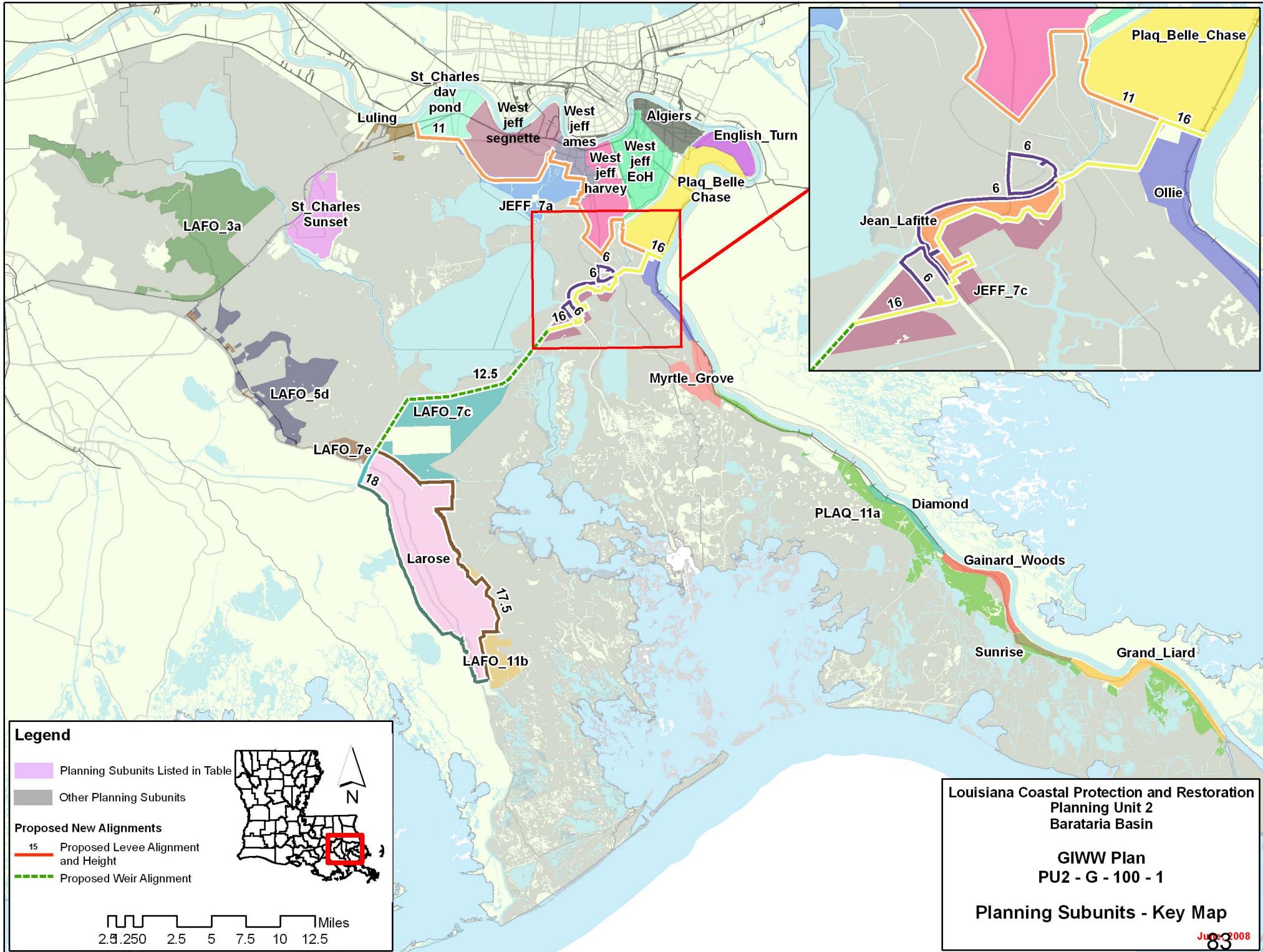
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,188	15,688	352	639	1,347	94	502	26	9
		Mid		18,715	667	1,051	2,672	183	449	26	9
		Low		19,963	831	1,316	3,258	216	396	24	8
2	High RSLR High Employment Dispersed Population	High	1,197	16,567	481	900	1,973	150	502	26	9
		Mid		19,072	736	1,153	2,817	196	449	26	9
		Low		20,223	891	1,385	3,407	229	396	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,188	10,632	331	595	1,259	85	502	26	9
		Mid		13,423	628	908	2,375	154	449	26	9
		Low		14,604	773	1,099	2,852	178	396	24	8
4	High RSLR Business-as-Usual Compact Population	High	1,197	11,334	437	773	1,715	126	502	26	9
		Mid		13,711	676	1,014	2,543	169	449	26	9
		Low		14,798	814	1,228	3,042	197	396	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario		Nonstructural Component		0	0	0	0	
	1 / 2	8,287	8,349	Structural Component		7,604	7,748	7,604	7,748
	3 / 4	8,287	8,349	Total Project		23,261	23,437	23,261	23,437

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan GIWW Alt 100-year Design
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
	10-year	1,583	1,477	2,834	2,147	1,512	1,326	2,129
100-year	46,652	4,303	49,467	5,779	37,218	3,829	39,133	4,825
400-year	51,671	8,510	53,124	10,065	40,614	6,603	41,659	7,467
1,000-year	53,208	13,630	54,188	14,957	41,777	9,687	42,556	10,342
2,000-year	53,965	15,564	54,716	16,482	42,386	10,712	42,963	11,370

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-G-100-1
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.4	18.9	18.6	16.2	16.2	26.3	19.6	30.2	21.8
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.6	19.7	20.1	16.7	16.7	20.5	20.8	22.9	23.3
Grand_Liard	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
Jean_Lafitte	8.4	3.5	11.9	6.0	14.0	6.0	13.0	3.5	16.9	6.0	19.3	6.0
JEFF_7a	7.7	4.5	10.8	7.2	13.1	9.8	12.8	7.7	17.1	10.4	18.2	13.0
JEFF_7c	8.4	12.0	11.9	15.5	14.0	17.6	22.7	15.2	27.6	18.7	30.0	20.8
LAFO_11b	11.6	11.4	14.5	14.6	16.1	16.3	14.4	14.6	16.9	17.8	18.4	19.5
LAFO_3a	3.9	3.2	5.1	4.3	6.0	5.1	7.0	6.4	8.2	7.5	9.0	8.3
LAFO_5d	5.8	3.1	8.7	4.4	10.9	5.4	10.6	6.3	13.4	7.6	15.1	8.6
LAFO_7c	7.1	10.2	9.1	12.2	10.3	13.5	12.0	13.4	14.2	15.4	15.4	16.7
LAFO_7e	8.1	5.0	11.3	6.2	13.4	6.9	12.5	8.2	15.3	9.4	17.3	10.1
Larose	-2.5	-2.6	9.0	6.9	12.0	15.0	15.0	-2.6	15.0	6.9	15.0	15.0
Luling	6.1	4.3	8.6	5.9	10.2	7.0	11.8	7.5	15.5	9.1	17.4	10.2
Myrtle_Grove	10.3	9.4	13.8	11.7	15.7	12.8	13.5	12.6	17.3	14.9	18.6	16.0
Ollie	8.0	8.0	13.2	16.0	15.3	18.1	11.2	11.2	19.2	19.2	22.1	21.3
PLAQ_11a	12.5	12.5	16.7	16.4	18.9	18.6	15.9	15.7	20.5	19.6	22.9	21.8
Plaq_Belle_Chase	-2.6	-2.7	11.0	-0.8	11.3	2.9	11.6	-2.7	14.3	-0.8	15.8	2.9
St_Charles_dav_pond	1.6	1.5	4.8	1.5	11.0	1.6	11.0	1.5	13.2	1.5	14.5	1.6
St_Charles_Sunset	7.0	6.3	9.4	8.9	10.7	10.5	10.0	9.5	12.3	12.1	13.7	13.7
Sunrise	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
West_jeff_ames	-1.5	-1.5	11.0	-1.5	11.3	-1.3	11.6	-1.5	14.3	-1.5	15.8	-1.3
West_jeff_EoH	-3.5	-3.7	11.0	-3.7	11.3	-3.7	11.6	-3.7	14.3	-3.7	15.8	-3.7
West_jeff_harvey	-2.4	-2.5	11.0	-2.5	11.3	-2.5	11.6	-2.5	14.3	-2.5	15.8	-2.5
West_jeff_segnette	-3.9	-4.0	11.0	-4.0	11.3	-4.0	11.6	-4.0	14.3	-4.0	15.8	-4.0
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

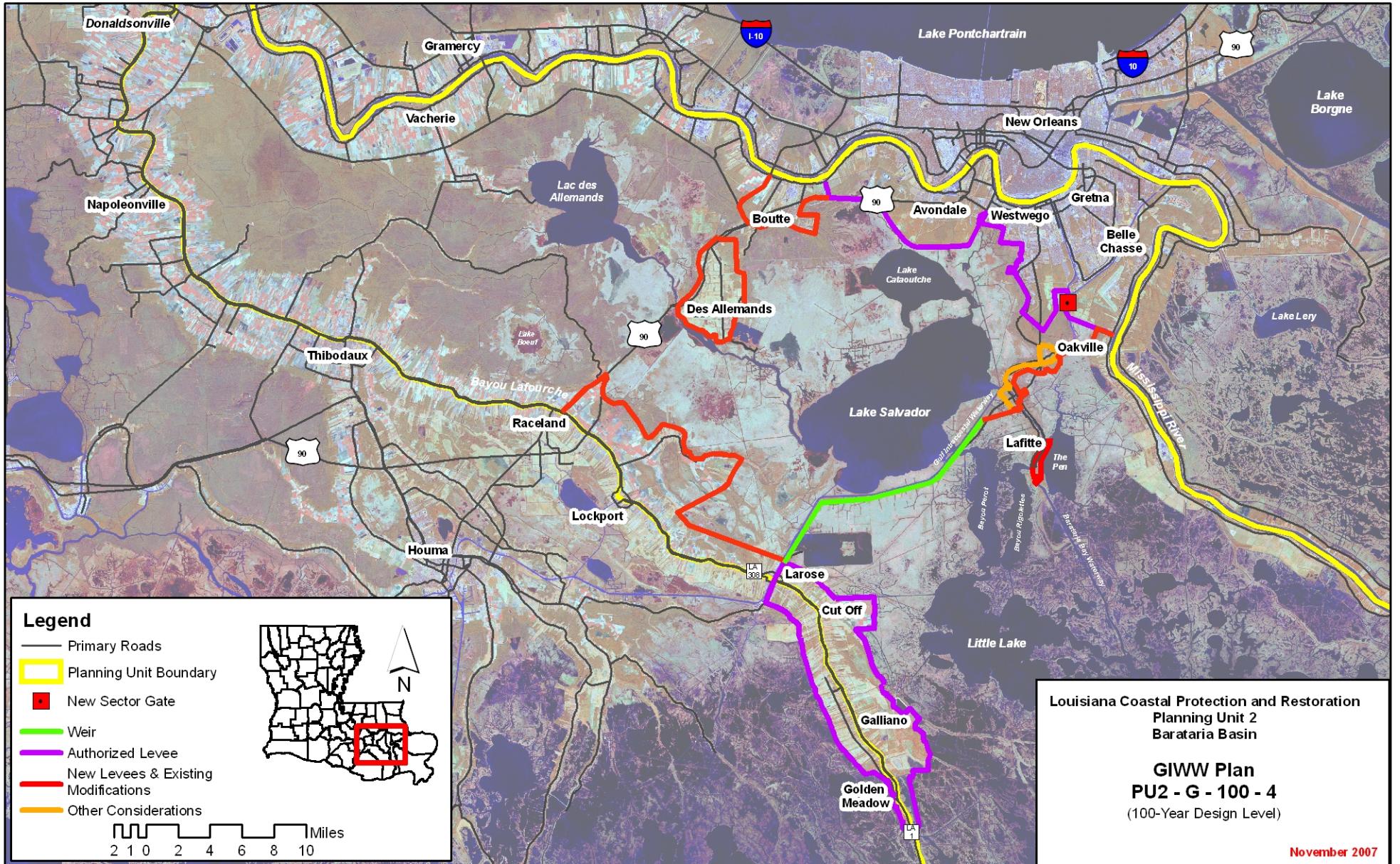
Planning Unit:	2	Alt. No.:	PU2-G-100-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Similar structural features as PU2-R-100-4 but with additional barrier-weir and levees along the GIWW to reduce risk to areas within the Barataria Basin. Also reduces risk to the Lafitte area.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		None
Structural Component:	See alternative description above.				

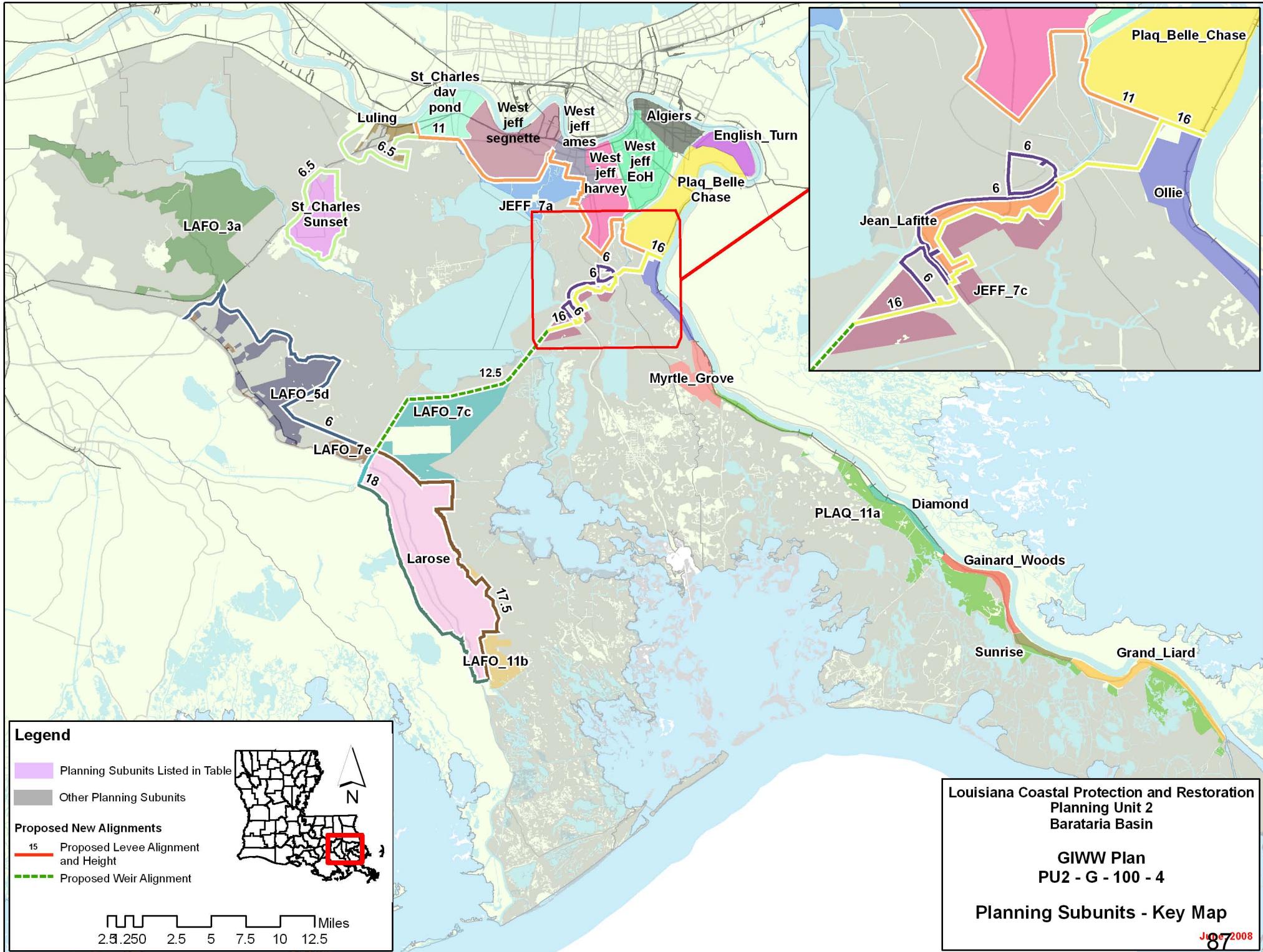
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,541	13,610	319	593	1,206	86	502	26	9
		Mid		16,492	626	985	2,472	170	449	26	9
		Low		17,697	782	1,242	3,040	202	396	24	8
2	High RSLR High Employment Dispersed Population	High	1,552	14,375	433	825	1,753	135	502	26	9
		Mid		16,762	678	1,062	2,550	178	449	26	9
		Low		17,897	824	1,286	3,114	209	396	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,541	8,837	298	549	1,112	76	502	26	9
		Mid		11,481	587	847	2,185	142	449	26	9
		Low		12,569	725	1,026	2,641	165	396	24	8
4	High RSLR Business-as-Usual Compact Population	High	1,552	9,397	390	700	1,499	111	502	26	9
		Mid		11,649	620	896	2,261	149	449	26	9
		Low		12,693	750	1,067	2,704	171	396	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0	
	1 / 2	10,826	10,900	Structural Component		14,521	14,700	14,521	14,700
	3 / 4	10,826	10,900	Total Project		30,178	30,389	30,178	30,389

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan GIWW Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	959	2,834	1,352	1,512	800	2,129	1,061	
100-year	46,652	3,227	49,467	4,105	37,218	2,832	39,133	3,291	
400-year	51,671	7,521	53,124	8,395	40,614	5,852	41,659	6,164	
1,000-year	53,208	12,199	54,188	13,026	41,777	8,630	42,556	8,866	
2,000-year	53,965	13,855	54,716	14,329	42,386	9,449	42,963	9,655	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-G-100-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.4	18.9	18.6	16.2	16.2	26.3	19.6	30.2	21.8
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.6	19.7	20.1	16.7	16.7	20.5	20.8	22.9	23.3
Grand_Liard	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
Jean_Lafitte	8.4	3.5	11.9	6.0	14.0	6.0	13.0	3.5	16.9	6.0	19.3	6.0
JEFF_7a	7.7	4.5	10.8	7.2	13.1	9.8	12.8	7.7	17.1	10.4	18.2	13.0
JEFF_7c	8.4	12.0	11.9	15.5	14.0	17.6	22.7	15.2	27.6	18.7	30.0	20.8
LAFO_11b	11.6	11.4	14.5	14.6	16.1	16.3	14.4	14.6	16.9	17.8	18.4	19.5
LAFO_3a	3.9	3.2	5.1	4.3	6.0	5.1	7.0	6.4	8.2	7.5	9.0	8.3
LAFO_5d	5.8	1.3	8.7	5.1	10.9	6.0	10.6	1.3	13.4	5.1	15.1	6.0
LAFO_7c	7.1	10.2	9.1	12.2	10.3	13.5	12.0	13.4	14.2	15.4	15.4	16.7
LAFO_7e	8.1	1.3	11.3	5.1	13.4	6.0	12.5	1.3	15.3	5.1	17.3	6.0
Larose	-2.5	-2.6	9.0	6.9	12.0	15.0	15.0	-2.6	15.0	6.9	15.0	15.0
Luling	6.1	2.0	8.6	6.5	10.2	6.5	11.8	2.0	15.5	6.5	17.4	6.5
Myrtle_Grove	10.3	9.4	13.8	11.7	15.7	12.8	13.5	12.6	17.3	14.9	18.6	16.0
Ollie	8.0	8.0	13.2	16.0	15.3	18.1	11.2	11.2	19.2	19.2	22.1	21.3
PLAQ_11a	12.5	12.5	16.7	16.4	18.9	18.6	15.9	15.7	20.5	19.6	22.9	21.8
Plaq_Belle_Chase	-2.6	-2.7	11.0	-0.8	11.3	2.9	11.6	-2.7	14.3	-0.8	15.8	2.9
St_Charles_dav_pond	1.6	1.5	4.8	1.5	11.0	1.6	11.0	1.5	13.2	1.5	14.5	1.6
St_Charles_Sunset	7.0	-4.8	9.4	5.1	10.7	6.5	10.0	-4.8	12.3	5.1	13.7	6.5
Sunrise	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
West_jeff_ames	-1.5	-1.5	11.0	-1.5	11.3	-1.3	11.6	-1.5	14.3	-1.5	15.8	-1.3
West_jeff_EoH	-3.5	-3.7	11.0	-3.7	11.3	-3.7	11.6	-3.7	14.3	-3.7	15.8	-3.7
West_jeff_harvey	-2.4	-2.5	11.0	-2.5	11.3	-2.5	11.6	-2.5	14.3	-2.5	15.8	-2.5
West_jeff_segnette	-3.9	-4.0	11.0	-4.0	11.3	-4.0	11.6	-4.0	14.3	-4.0	15.8	-4.0
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

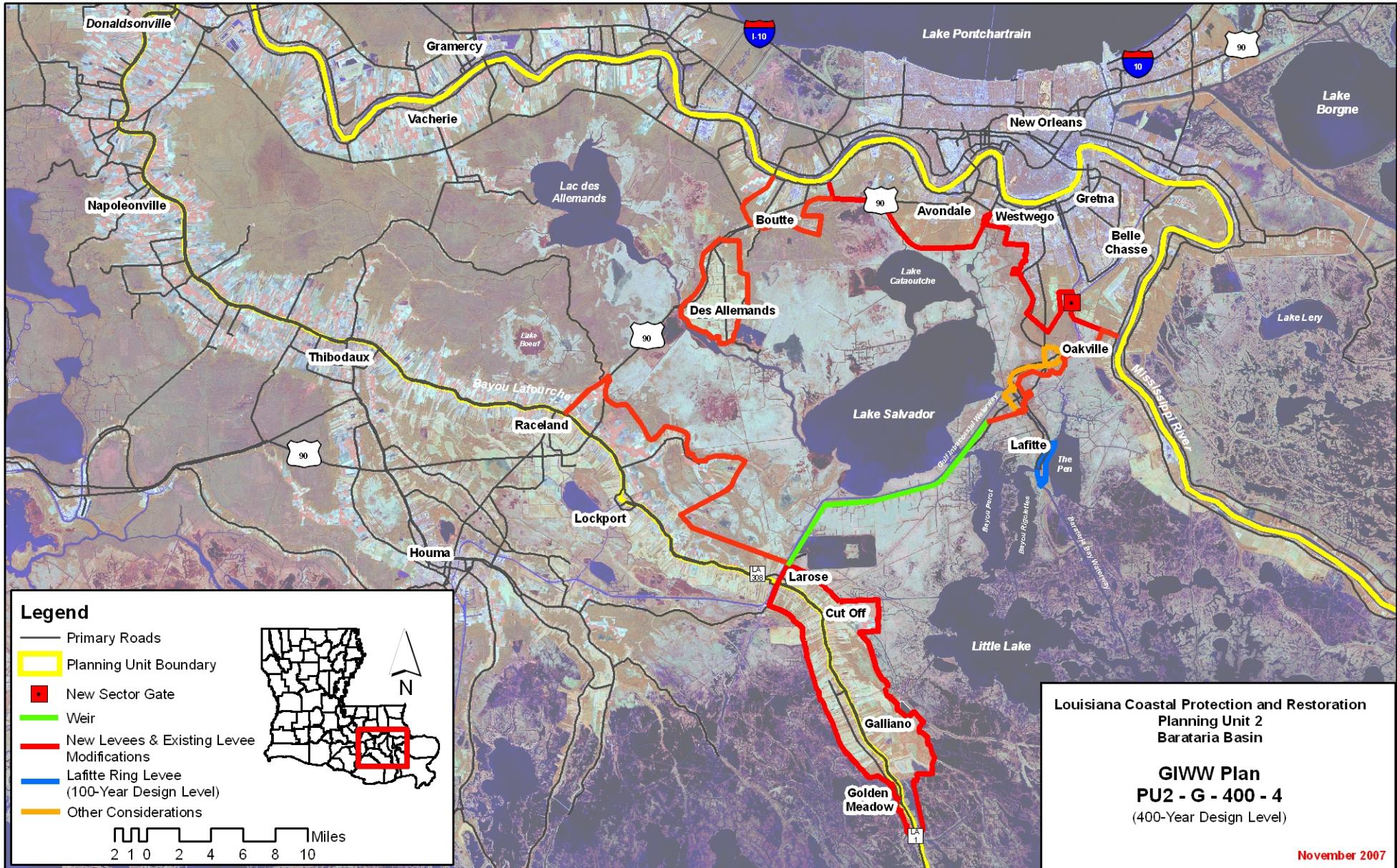
Planning Unit:	2	Alt. No.:	PU2-G-400-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Similar structural features as PU2-R-400-4 but with additional barrier-weir and levees along the GIWW to reduce risk to areas within the Barataria Basin. Also reduces risk to the Lafitte area.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

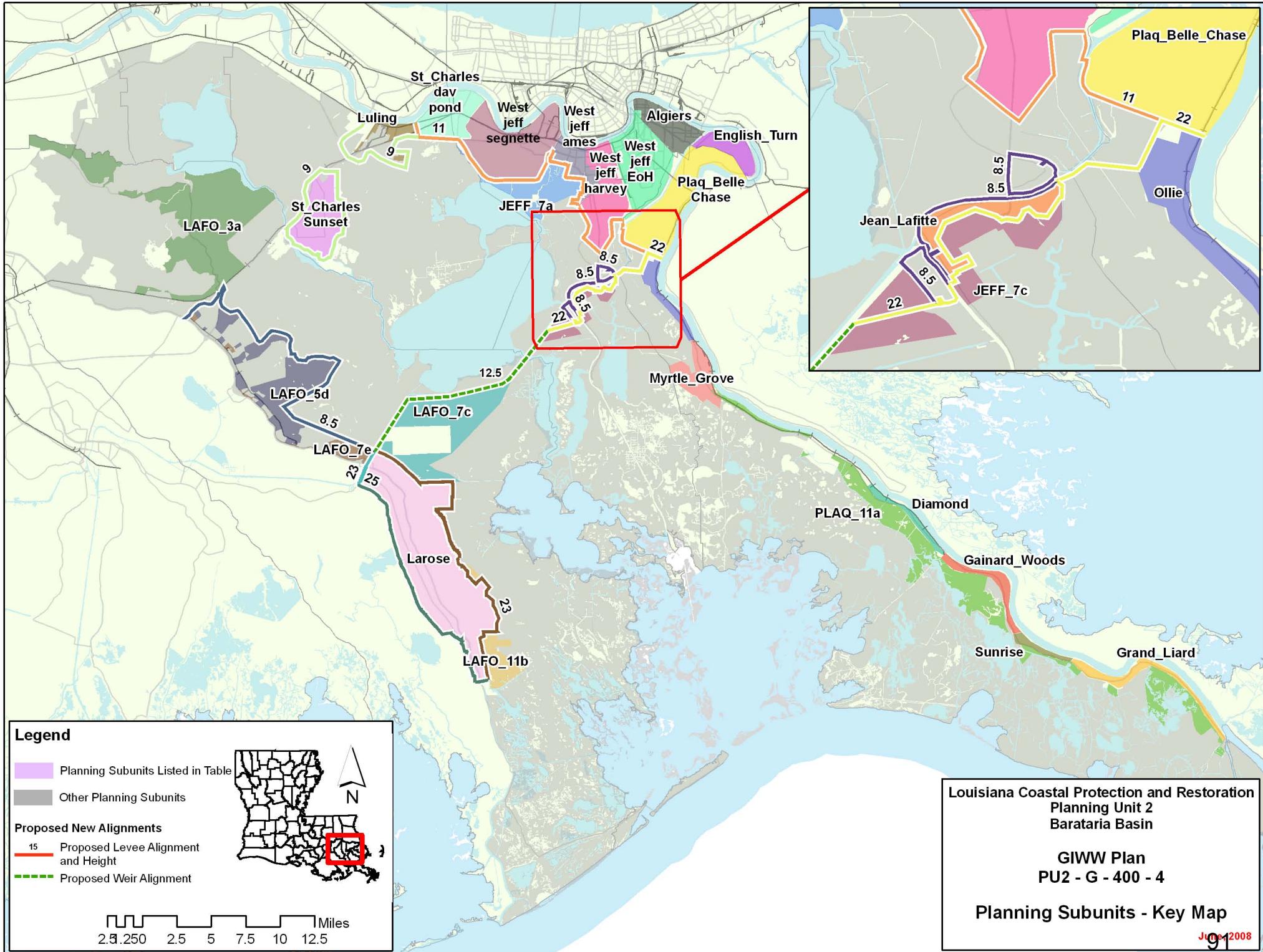
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,574	14,073	343	630	1,303	95	502	27	9
		Mid		17,142	688	1,094	2,760	195	449	27	9
		Low		18,067	839	1,327	3,262	221	396	25	8
2	High RSLR High Employment Dispersed Population	High	2,582	14,977	481	900	1,970	155	502	27	9
		Mid		17,432	746	1,173	2,844	203	449	27	9
		Low		18,265	884	1,377	3,344	230	396	24	8
3	Low RSLR Business-as-Usual Compact Population	High	2,574	9,277	318	580	1,193	83	502	27	9
		Mid		12,074	640	931	2,414	161	449	27	9
		Low		12,944	772	1,095	2,813	180	396	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,582	9,942	430	761	1,663	127	502	27	9
		Mid		12,253	677	986	2,496	169	449	27	9
		Low		13,065	799	1,143	2,882	187	396	24	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	18,158	Structural Component		34,745	34,880	34,745	34,880
	3 / 4	18,158	Total Project		50,402	50,569	50,402	50,569

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan GIWW Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	959	2,834	1,352	1,512	800	2,129	1,061	
100-year	46,652	3,208	49,467	4,085	37,218	2,813	39,133	3,271	
400-year	51,671	5,118	53,124	5,992	40,614	3,506	41,659	3,818	
1,000-year	53,208	6,641	54,188	7,469	41,777	4,015	42,556	4,251	
2,000-year	53,965	7,692	54,716	8,166	42,386	4,570	42,963	4,777	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-G-400-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.4	18.9	18.6	16.2	16.2	26.3	19.6	30.2	21.8
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.6	19.7	20.1	16.7	16.7	20.5	20.8	22.9	23.3
Grand_Liard	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
Jean_Lafitte	8.4	1.0	11.9	3.4	14.0	8.5	13.0	1.0	16.9	3.4	19.3	8.5
JEFF_7a	7.7	4.5	10.8	7.2	13.1	9.8	12.8	7.7	17.1	10.4	18.2	13.0
JEFF_7c	8.4	12.0	11.9	15.5	14.0	17.6	22.7	15.2	27.6	18.7	30.0	20.8
LAFO_11b	11.6	11.4	14.5	14.6	16.1	16.3	14.4	14.6	16.9	17.8	18.4	19.5
LAFO_3a	3.9	3.2	5.1	4.3	6.0	5.1	7.0	6.4	8.2	7.5	9.0	8.3
LAFO_5d	5.8	1.1	8.7	1.2	10.9	2.4	10.6	1.1	13.4	1.2	15.1	2.4
LAFO_7c	7.1	10.2	9.1	12.2	10.3	13.5	12.0	13.4	14.2	15.4	15.4	16.7
LAFO_7e	8.1	1.1	11.3	1.2	13.4	2.4	12.5	1.1	15.3	1.2	17.3	2.4
Larose	-2.5	-2.9	9.0	-2.6	12.0	-1.5	15.0	-2.9	15.0	-2.6	15.0	-1.5
Luling	6.1	1.5	8.6	2.0	10.2	3.7	11.8	1.5	15.5	2.0	17.4	3.7
Myrtle_Grove	10.3	9.4	13.8	11.7	15.7	12.8	13.5	12.6	17.3	14.9	18.6	16.0
Ollie	8.0	8.0	13.2	16.0	15.3	18.1	11.2	11.2	19.2	19.2	22.1	21.3
PLAQ_11a	12.5	12.5	16.7	16.4	18.9	18.6	15.9	15.7	20.5	19.6	22.9	21.8
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.7	11.3	-2.5	11.6	-2.8	14.3	-2.7	15.8	-2.5
St_Charles_dav_pond	1.6	1.5	4.8	1.5	11.0	1.6	11.0	1.5	13.2	1.5	14.5	1.6
St_Charles_Sunset	7.0	-5.1	9.4	-4.7	10.7	-2.6	10.0	-5.1	12.3	-4.7	13.7	-2.6
Sunrise	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
West_jeff_ames	-1.5	-1.5	11.0	-1.5	11.3	-1.3	11.6	-1.5	14.3	-1.5	15.8	-1.3
West_jeff_EoH	-3.5	-3.7	11.0	-3.7	11.3	-3.7	11.6	-3.7	14.3	-3.7	15.8	-3.7
West_jeff_harvey	-2.4	-2.5	11.0	-2.5	11.3	-2.5	11.6	-2.5	14.3	-2.5	15.8	-2.5
West_jeff_segnette	-3.9	-4.0	11.0	-4.0	11.3	-4.0	11.6	-4.0	14.3	-4.0	15.8	-4.0
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

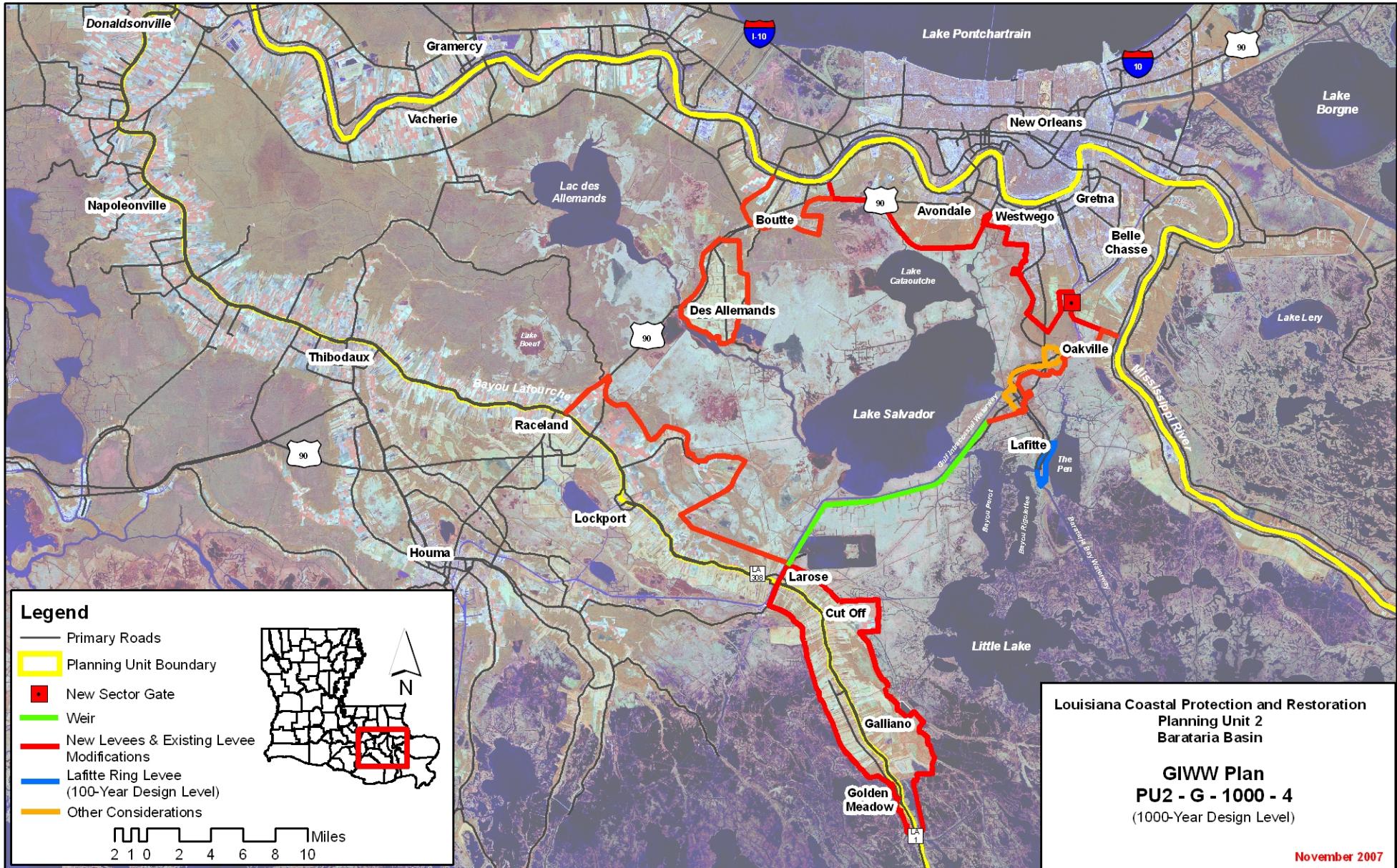
Planning Unit:	2	Alt. No.:	PU2-G-1000-4	Category:	Coastal Restoration + Structural Measures
Alternative Description:	Sustain coastal landscape through restoration. Similar structural features as PU2-R-1000-4 but with additional barrier-weir and levees along the GIWW to reduce risk to areas within the Barataria Basin. Also reduces risk to the Lafitte area.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	None	
Structural Component:	See alternative description above.				

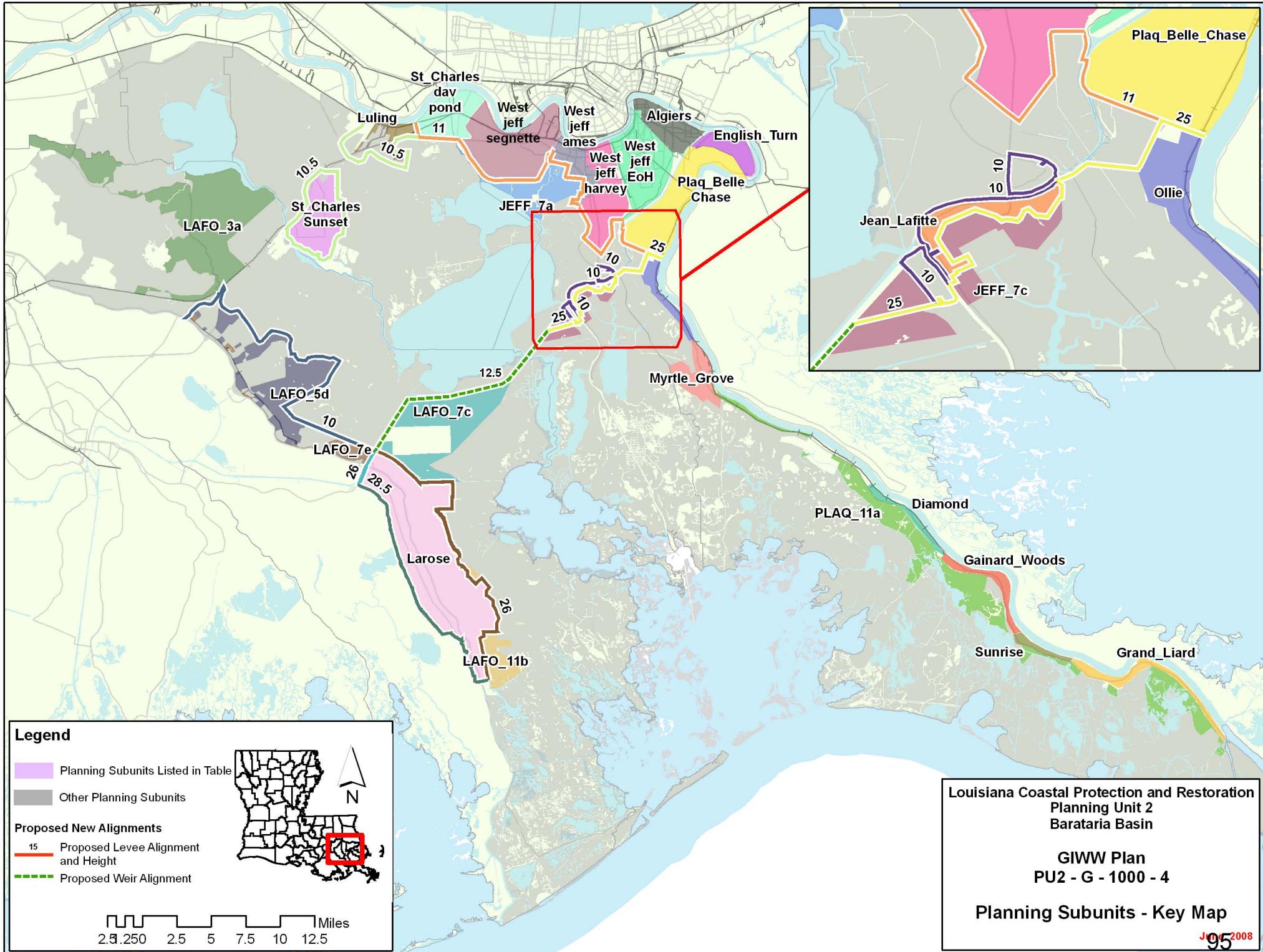
Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,961	14,073	343	630	1,303	95	502	27	9
		Mid		17,138	688	1,094	2,760	195	449	27	9
		Low		18,021	839	1,327	3,261	221	396	25	8
2	High RSLR High Employment Dispersed Population	High	2,969	14,977	481	900	1,970	155	502	27	9
		Mid		17,429	746	1,173	2,844	203	449	27	9
		Low		18,219	884	1,377	3,343	230	396	24	8
3	Low RSLR Business-as-Usual Compact Population	High	2,961	9,277	318	580	1,193	83	502	27	9
		Mid		12,072	640	931	2,414	161	449	27	9
		Low		12,905	772	1,095	2,812	179	396	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,969	9,942	430	761	1,663	127	502	27	9
		Mid		12,250	677	986	2,496	169	449	27	9
		Low		13,026	798	1,142	2,880	187	396	24	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		0	0	0	0
	1 / 2	20,650	Structural Component		42,335	42,457	42,335	42,457
	3 / 4	20,650	Total Project		57,992	58,146	57,992	58,146

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Structural Plan GIWW Alt 1000-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	959	2,834	1,352	1,512	800	2,129	1,061	
100-year	46,652	3,208	49,467	4,085	37,218	2,813	39,133	3,271	
400-year	51,671	5,103	53,124	5,977	40,614	3,491	41,659	3,802	
1,000-year	53,208	6,424	54,188	7,251	41,777	3,799	42,556	4,035	
2,000-year	53,965	7,228	54,716	7,703	42,386	4,081	42,963	4,288	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.





Alternative: PU2-G-1000-4
Water Surface Elevations (feet - NAVD88 2004.65)

Planning Sub Unit	2010 (Base) Conditions						2060 (Future) Conditions					
	100-yr Event		400-year Event		1,000-yr Event		100-yr Event		400-year Event		1,000-yr Event	
	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project	Without Project	With Project
Algiers	-3.8	-3.9	10.7	-3.9	12.1	-3.9	12.9	-3.9	16.3	-3.9	17.9	-3.9
Diamond	13.0	13.0	16.7	16.4	18.9	18.6	16.2	16.2	26.3	19.6	30.2	21.8
English_Turn	-1.7	-1.7	10.7	-1.7	12.1	-1.7	12.9	-1.7	16.3	-1.7	17.9	-1.7
Gainard_Woods	13.5	13.5	17.3	17.6	19.7	20.1	16.7	16.7	20.5	20.8	22.9	23.3
Grand_Liard	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
Jean_Lafitte	8.4	0.9	11.9	1.4	14.0	3.7	13.0	0.9	16.9	1.4	19.3	3.7
JEFF_7a	7.7	4.5	10.8	7.2	13.1	9.8	12.8	7.7	17.1	10.4	18.2	13.0
JEFF_7c	8.4	12.0	11.9	15.5	14.0	17.6	22.7	15.2	27.6	18.7	30.0	20.8
LAFO_11b	11.6	11.4	14.5	14.6	16.1	16.3	14.4	14.6	16.9	17.8	18.4	19.5
LAFO_3a	3.9	3.2	5.1	4.3	6.0	5.1	7.0	6.4	8.2	7.5	9.0	8.3
LAFO_5d	5.8	1.1	8.7	1.1	10.9	1.3	10.6	1.1	13.4	1.1	15.1	1.3
LAFO_7c	7.1	10.2	9.1	12.2	10.3	13.5	12.0	13.4	14.2	15.4	15.4	16.7
LAFO_7e	8.1	1.1	11.3	1.1	13.4	1.3	12.5	1.1	15.3	1.1	17.3	1.3
Larose	-2.5	-2.9	9.0	-2.8	12.0	-2.7	15.0	-2.9	15.0	-2.8	15.0	-2.7
Luling	6.1	1.5	8.6	1.6	10.2	2.1	11.8	1.5	15.5	1.6	17.4	2.1
Myrtle_Grove	10.3	9.4	13.8	11.7	15.7	12.8	13.5	12.6	17.3	14.9	18.6	16.0
Ollie	8.0	8.0	13.2	16.0	15.3	18.1	11.2	11.2	19.2	19.2	22.1	21.3
PLAQ_11a	12.5	12.5	16.7	16.4	18.9	18.6	15.9	15.7	20.5	19.6	22.9	21.8
Plaq_Belle_Chase	-2.6	-2.8	11.0	-2.7	11.3	-2.7	11.6	-2.8	14.3	-2.7	15.8	-2.7
St_Charles_dav_pond	1.6	1.5	4.8	1.5	11.0	1.6	11.0	1.5	13.2	1.5	14.5	1.6
St_Charles_Sunset	7.0	-5.1	9.4	-5.0	10.7	-4.6	10.0	-5.1	12.3	-5.0	13.7	-4.6
Sunrise	15.0	15.0	16.7	16.4	18.9	18.6	18.2	18.2	26.3	19.6	30.2	21.8
West_jeff_ames	-1.5	-1.5	11.0	-1.5	11.3	-1.3	11.6	-1.5	14.3	-1.5	15.8	-1.3
West_jeff_EoH	-3.5	-3.7	11.0	-3.7	11.3	-3.7	11.6	-3.7	14.3	-3.7	15.8	-3.7
West_jeff_harvey	-2.4	-2.5	11.0	-2.5	11.3	-2.5	11.6	-2.5	14.3	-2.5	15.8	-2.5
West_jeff_segnette	-3.9	-4.0	11.0	-4.0	11.3	-4.0	11.6	-4.0	14.3	-4.0	15.8	-4.0
Evaluation Parameters	Confidence Level:			90%			Levee Design:			No Friction Waves		
	Future Relative Sea Level Rise:			3.2 feet			Levee Overtopping:			No Friction Waves		

Planning Unit:	2	Alt. No.:	PU2-C-WBI-100-1	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-WBI-100-1 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:	100-yr complementary measures	
Structural Component:	Same as Alternative PU2-WBI-100-1				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,065	14,954	200	290	637	47	266	17	8
		Mid		18,200	459	794	1,984	142	213	15	7
		Low		20,047	739	1,182	3,055	211	160	14	6
2	High RSLR High Employment Dispersed Population	High	1,068	15,428	288	500	1,137	95	266	15	7
		Mid		18,493	537	911	2,186	162	213	14	7
		Low		20,265	827	1,303	3,272	236	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,072	10,244	180	267	611	44	266	17	8
		Mid		13,205	412	668	1,761	118	213	15	7
		Low		15,036	650	1,004	2,703	177	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,075	10,613	243	461	991	80	266	15	7
		Mid		13,392	468	827	1,986	142	213	14	7
		Low		15,126	711	1,158	2,871	197	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		4,218	4,218	4,348	4,348
	1 / 2	7,334	Structural Component		999	1,024	999	1,024
	3 / 4	7,379	Total Project		20,874	20,930	21,004	21,060

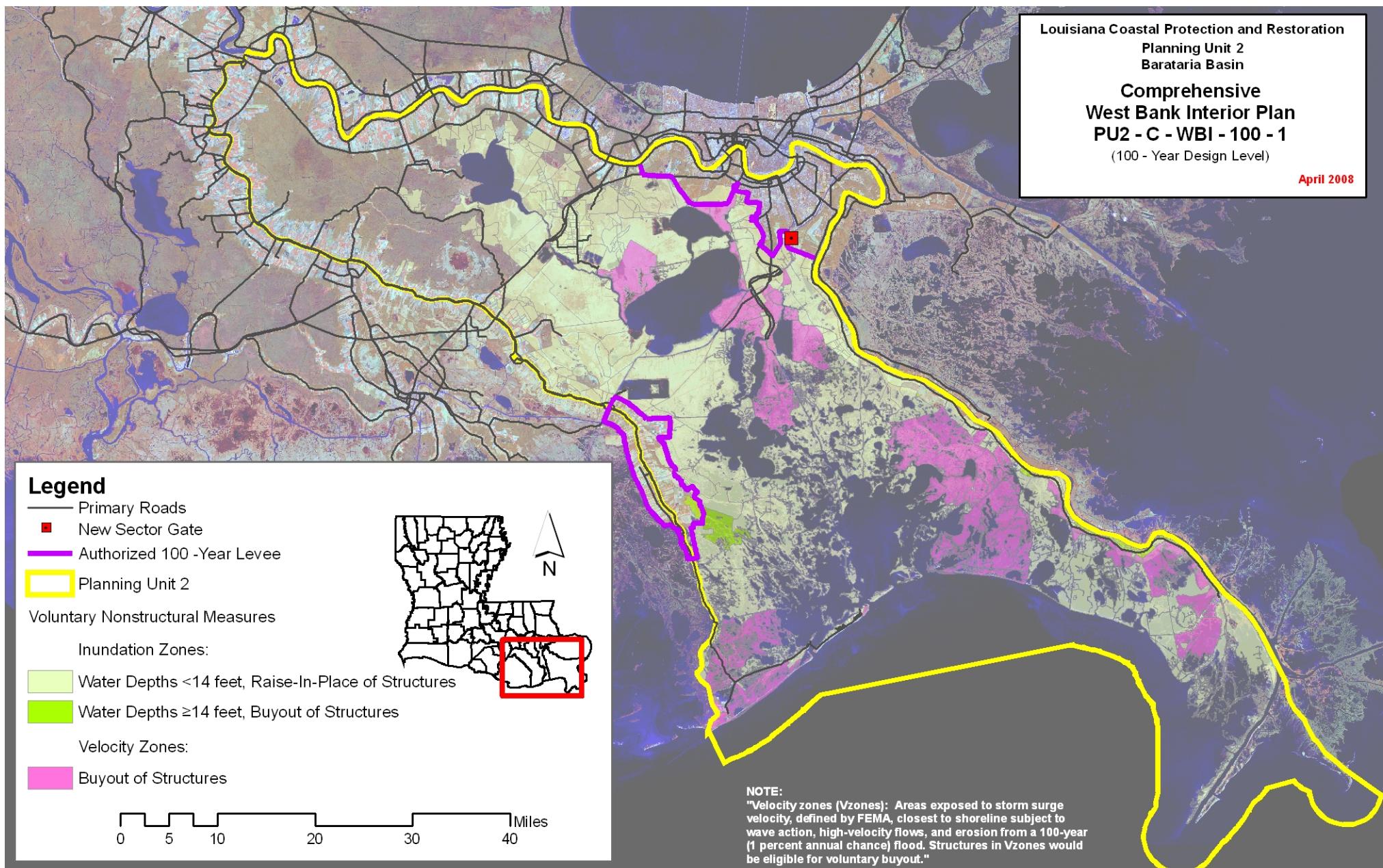
2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan West Bank Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	650	2,834	1,775	1,512	510	2,129	1,002	
100-year	46,652	3,493	49,467	5,734	37,218	2,289	39,133	4,211	
400-year	51,671	38,149	53,124	39,402	40,614	32,015	41,659	32,912	
1,000-year	53,208	42,170	54,188	43,093	41,777	35,034	42,556	35,646	
2,000-year	53,965	43,451	54,716	44,242	42,386	35,961	42,963	36,479	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Comprehensive
West Bank Interior Plan
PU2 - C - WBI - 100 - 1

(100 - Year Design Level)

April 2008



Planning Unit:	2	Alt. No.:	PU2-C-WBI-400-1	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-WBI-400-1 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr complementary measures
Structural Component:	Same as Alternative PU2-WBI-400-1				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,912	15,094	216	310	707	57	266	26	9
		Mid		18,072	480	721	1,930	145	213	26	9
		Low		19,210	605	869	2,337	167	160	25	8
2	High RSLR High Employment Dispersed Population	High	1,914	15,917	335	528	1,310	112	266	26	9
		Mid		18,389	531	783	2,021	154	213	25	9
		Low		19,407	662	1,019	2,575	193	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,997	10,433	197	278	636	49	266	26	9
		Mid		13,083	434	604	1,666	119	213	26	9
		Low		14,265	541	736	2,036	140	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,000	11,061	293	454	1,084	91	266	26	9
		Mid		13,281	469	672	1,770	130	213	25	9
		Low		14,350	574	911	2,259	164	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		3,491	3,491	5,161
	1 / 2	13,686	13,705	Structural Component		18,294	18,319	18,294
	3 / 4	14,270	14,290	Total Project		37,442	37,499	39,112

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan West Bank Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	351	2,834	672	1,512	296	2,129	490	
100-year	46,652	629	49,467	1,933	37,218	547	39,133	1,145	
400-year	51,671	3,900	53,124	5,889	40,614	2,673	41,659	4,409	
1,000-year	53,208	10,662	54,188	12,005	41,777	8,317	42,556	9,194	
2,000-year	53,965	29,791	54,716	30,867	42,386	25,438	42,963	26,219	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

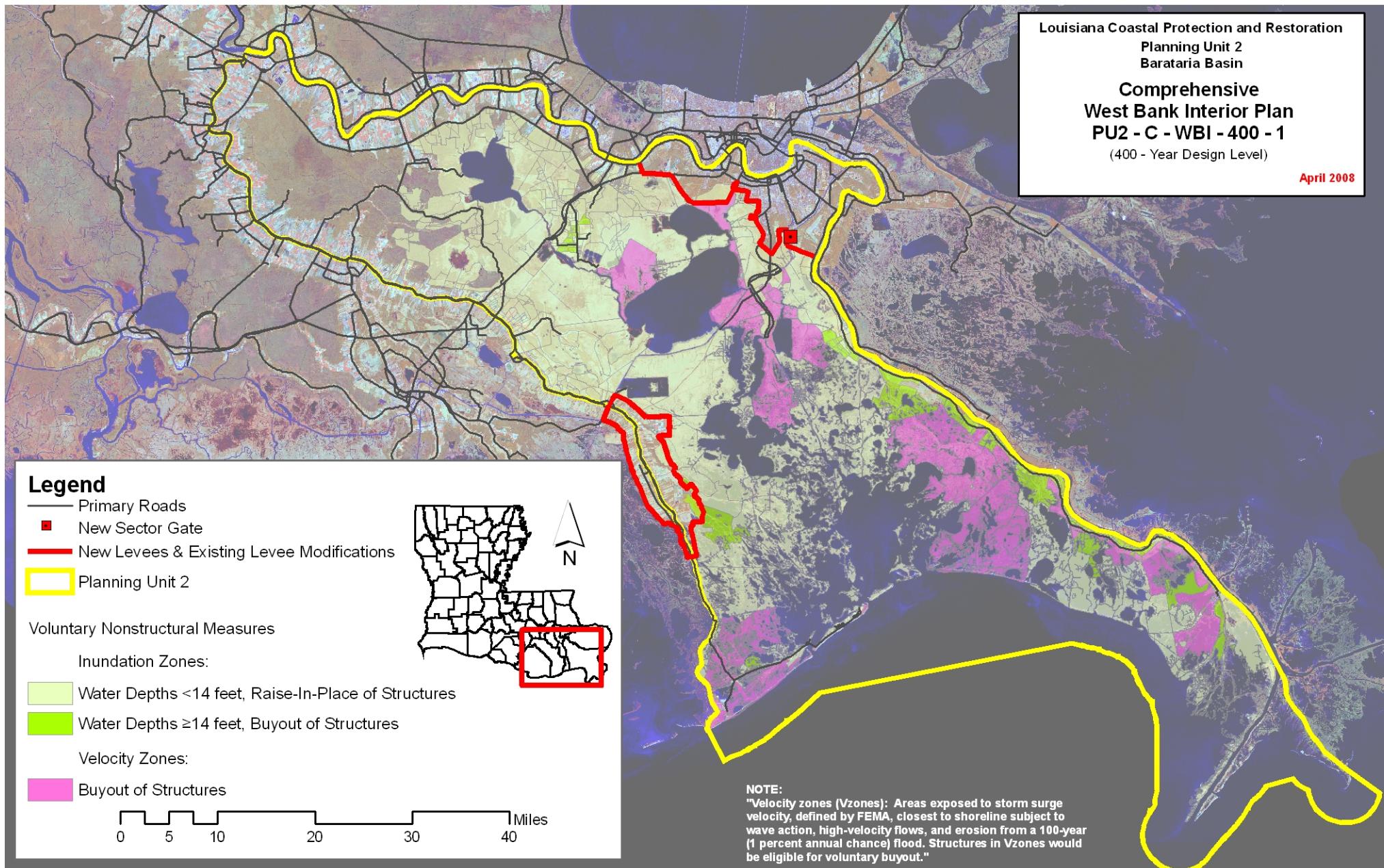
Louisiana Coastal Protection and Restoration

Planning Unit 2
Barataria Basin

Comprehensive
West Bank Interior Plan
PU2 - C - WBI - 400 - 1

(400 - Year Design Level)

April 2008



Planning Unit:	2	Alt. No.:	PU2-C-R-100-2	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-100-2 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr complementary measures
Structural Component:	Same as Alternative PU2-R-100-2				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,366	14,215	229	333	758	59	449	17	8
		Mid		17,793	556	937	2,403	176	266	15	7
		Low		19,510	821	1,245	3,367	233	160	14	6
2	High RSLR High Employment Dispersed Population	High	1,370	14,942	350	594	1,408	122	449	15	7
		Mid		18,087	624	987	2,503	185	266	14	7
		Low		19,688	886	1,302	3,493	246	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,368	9,506	203	289	676	50	449	17	8
		Mid		12,718	495	735	2,033	139	266	15	7
		Low		14,404	719	1,000	2,880	186	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,371	10,036	295	478	1,106	93	449	15	7
		Mid		12,876	540	785	2,121	147	266	14	7
		Low		14,481	759	1,048	2,936	192	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4																							
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99																							
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104																							
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)																												
Spatial Integrity (unitless)			<table border="1"> <tr> <td colspan="2">Coastal Component</td><td>15,657</td><td>15,689</td><td>15,657</td><td>15,689</td></tr> <tr> <td colspan="2">Nonstructural Component</td><td>3,369</td><td>3,369</td><td>3,402</td><td>3,402</td></tr> <tr> <td colspan="2">Structural Component</td><td>7,730</td><td>7,770</td><td>7,730</td><td>7,770</td></tr> <tr> <td colspan="2">Total Project</td><td>26,756</td><td>26,828</td><td>26,788</td><td>26,861</td></tr> </table>					Coastal Component		15,657	15,689	15,657	15,689	Nonstructural Component		3,369	3,369	3,402	3,402	Structural Component		7,730	7,770	7,730	7,770	Total Project		26,756	26,828	26,788	26,861
Coastal Component		15,657	15,689	15,657	15,689																										
Nonstructural Component		3,369	3,369	3,402	3,402																										
Structural Component		7,730	7,770	7,730	7,770																										
Total Project		26,756	26,828	26,788	26,861																										
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)																													
	1 / 2	9,485	9,510																												
	3 / 4	9,496	9,522																												

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	361	2,834	1,205	1,512	262	2,129	469	
100-year	46,652	2,783	49,467	4,430	37,218	1,637	39,133	2,977	
400-year	51,671	37,566	53,124	38,571	40,614	31,510	41,659	32,136	
1,000-year	53,208	41,457	54,188	42,230	41,777	34,342	42,556	34,785	
2,000-year	53,965	42,668	54,716	43,327	42,386	35,178	42,963	35,544	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Authorized 100 - Year Levee
- Planning Unit 2

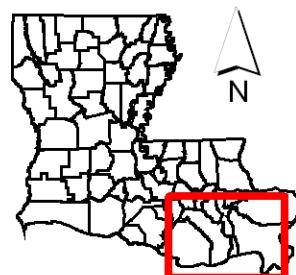
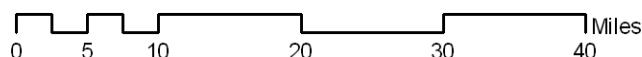
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

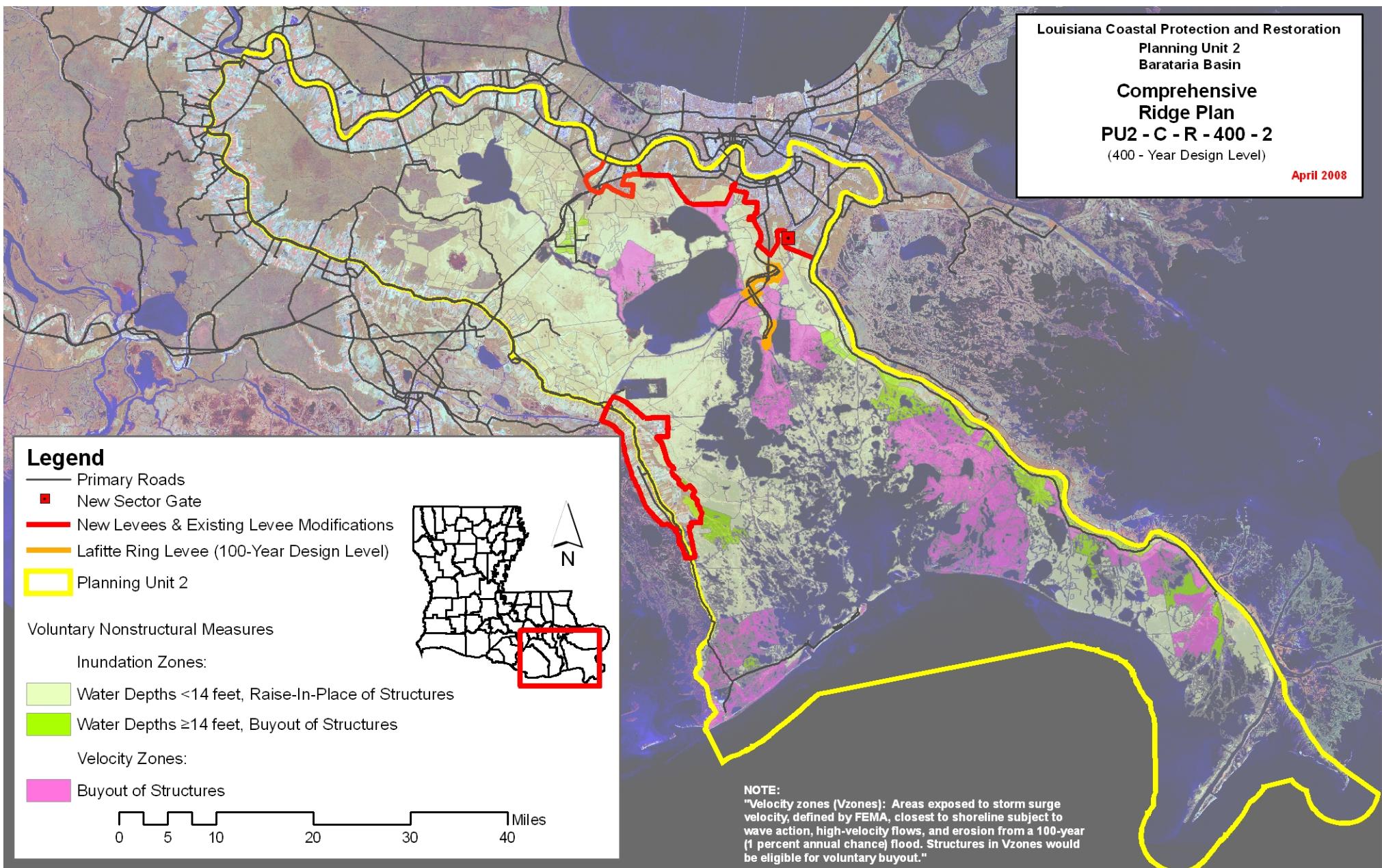
Planning Unit:	2	Alt. No.:	PU2-C-R-400-2	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-400-2 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr complementary measures
Structural Component:	Same as Alternative PU2-R-400-2				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,233	14,201	226	325	750	60	266	26	9
		Mid		17,159	512	765	2,068	155	213	26	9
		Low		18,227	642	909	2,481	177	160	25	8
2	High RSLR High Employment Dispersed Population	High	2,240	15,069	353	553	1,383	119	266	26	9
		Mid		17,471	560	817	2,150	163	213	25	9
		Low		18,406	689	1,003	2,642	192	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,302	9,509	206	290	667	52	266	26	9
		Mid		12,110	463	626	1,767	125	213	26	9
		Low		13,199	575	751	2,130	143	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,309	10,146	309	459	1,112	94	266	26	9
		Mid		12,279	495	677	1,853	133	213	25	9
		Low		13,277	600	834	2,251	155	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)		Nonstructural Component		2,660	2,660	4,028
	1 / 2	15,894	15,942	Structural Component		25,409	25,515	25,409
	3 / 4	16,373	16,421	Total Project		43,725	43,863	45,094

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 400-year Design
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
10-year	1,583	249	2,834	396	1,512	197	2,129	244
100-year	46,652	486	49,467	1,450	37,218	420	39,133	715
400-year	51,671	2,859	53,124	4,392	40,614	1,705	41,659	2,982
1,000-year	53,208	9,147	54,188	10,221	41,777	6,868	42,556	7,456
2,000-year	53,965	28,398	54,716	29,262	42,386	24,117	42,963	24,664

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.



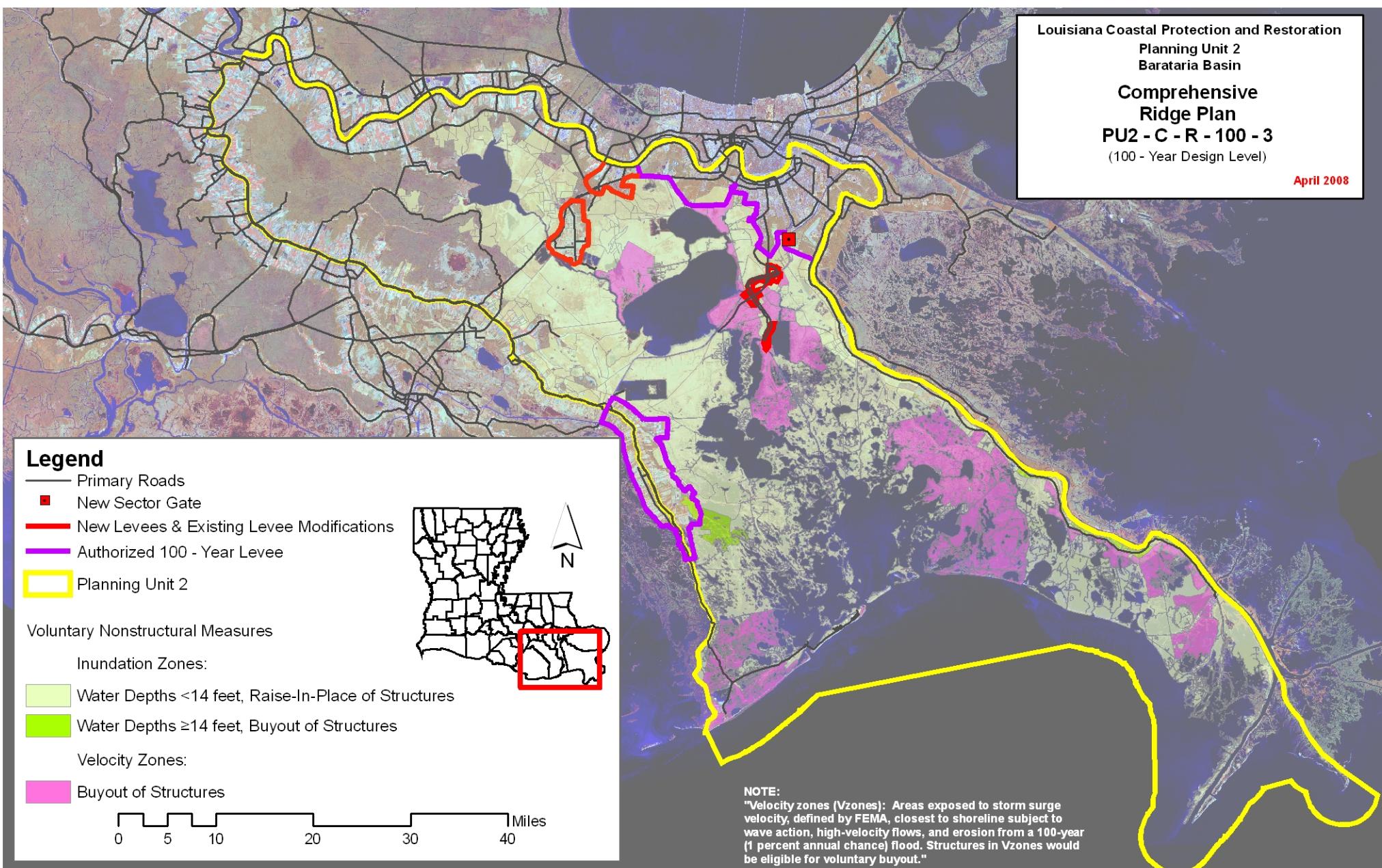
Planning Unit:	2	Alt. No.:	PU2-C-R-100-3	Category:	Comprehensive (Coastal+Structural+Nonstructural)	
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-100-3 but with complementary nonstructural measures to reduce residual risk.					
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr complementary measures	
Structural Component:	Same as Alternative PU2-R-100-3					

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,471	13,324	226	327	755	58	449	17	7
		Mid		16,902	551	918	2,368	172	266	15	7
		Low		18,650	814	1,228	3,340	228	160	14	6
2	High RSLR High Employment Dispersed Population	High	1,476	14,051	343	574	1,372	116	449	15	7
		Mid		17,197	614	968	2,469	180	266	14	7
		Low		18,828	873	1,284	3,466	242	160	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,471	8,914	203	285	679	50	449	17	7
		Mid		12,115	494	723	2,031	137	266	15	7
		Low		13,823	717	991	2,882	184	160	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,475	9,443	293	466	1,099	90	449	15	7
		Mid		12,273	536	773	2,119	145	266	14	7
		Low		13,899	753	1,038	2,938	191	160	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		3,016	3,016	3,008	3,008
	1 / 2	10,245	Structural Component		10,147	10,201	10,147	10,201
	3 / 4	10,242	Total Project		28,819	28,906	28,811	28,898

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	309	2,834	1,073	1,512	216	2,129	326	
100-year	46,652	2,475	49,467	3,893	37,218	1,488	39,133	2,664	
400-year	51,671	37,178	53,124	38,086	40,614	31,415	41,659	31,993	
1,000-year	53,208	41,243	54,188	41,946	41,777	34,355	42,556	34,765	
2,000-year	53,965	42,415	54,716	43,008	42,386	35,177	42,963	35,511	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.



Planning Unit:	2	Alt. No.:	PU2-C-R-400-3	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-400-3 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr complementary measures
Structural Component:	Same as Alternative PU2-R-400-3				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,373	12,988	205	289	670	52	449	26	9
		Mid		15,664	453	660	1,800	132	266	26	9
		Low		16,679	573	799	2,188	152	160	25	8
2	High RSLR High Employment Dispersed Population	High	2,381	13,715	308	477	1,181	99	449	26	9
		Mid		15,958	494	709	1,876	138	266	25	9
		Low		16,857	617	876	2,316	164	160	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,428	8,575	189	259	604	45	449	26	9
		Mid		10,933	413	543	1,557	107	266	26	9
		Low		11,975	517	662	1,899	124	160	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,436	9,104	272	398	966	79	449	26	9
		Mid		11,090	440	588	1,637	114	266	25	9
		Low		12,051	539	731	2,005	135	160	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		2,510	2,510	3,578	3,578
	1 / 2	16,844	Structural Component		28,318	28,440	28,318	28,440
	3 / 4	17,218	Total Project		46,485	46,638	47,553	47,707

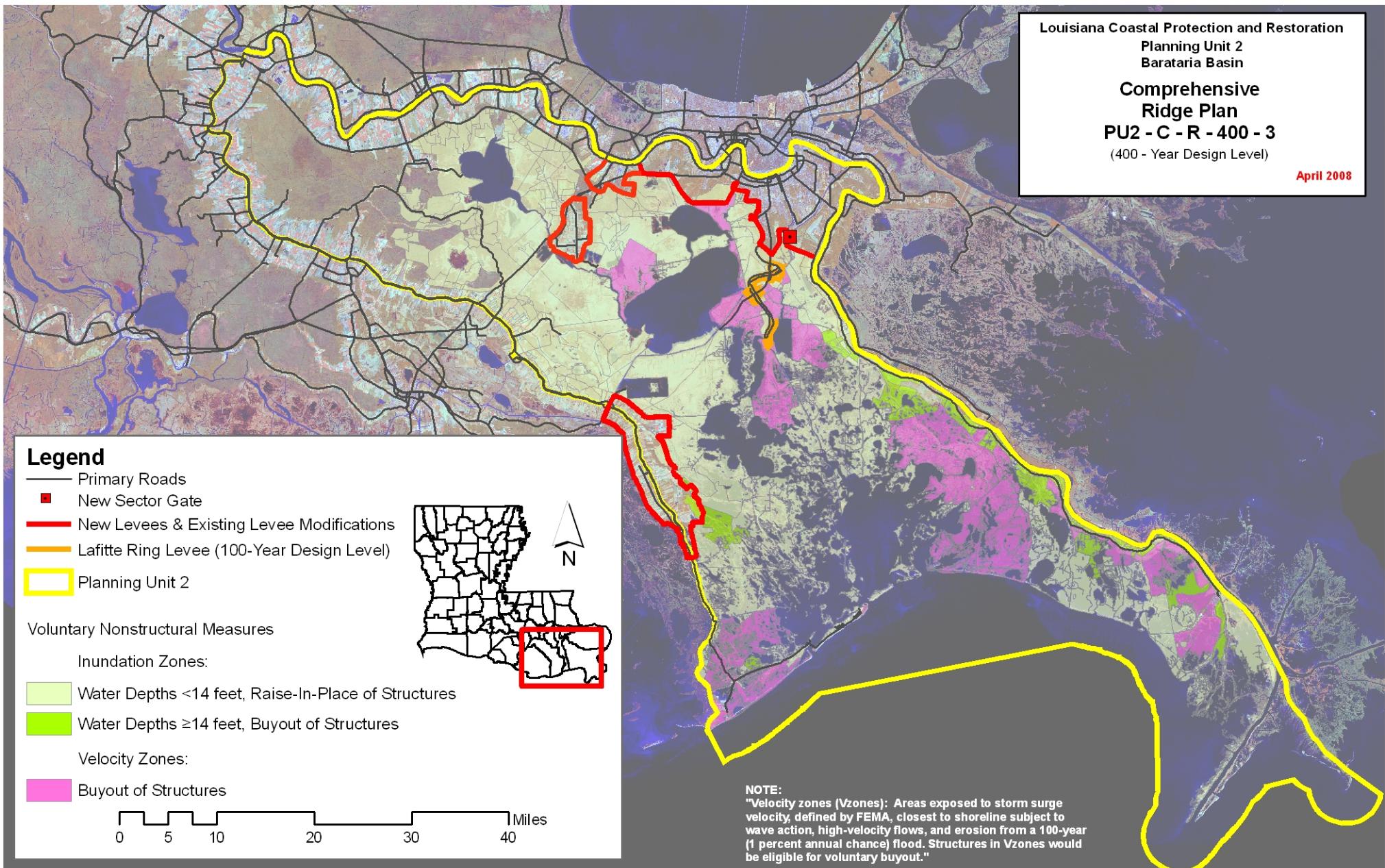
2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	226	2,834	366	1,512	181	2,129	221	
100-year	46,652	444	49,467	1,354	37,218	386	39,133	661	
400-year	51,671	2,584	53,124	3,923	40,614	1,530	41,659	2,680	
1,000-year	53,208	8,675	54,188	9,604	41,777	6,565	42,556	7,072	
2,000-year	53,965	27,832	54,716	28,595	42,386	23,767	42,963	24,256	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

Comprehensive
Ridge Plan

PU2 - C - R - 400 - 3
(400 - Year Design Level)

April 2008



Planning Unit:	2	Alt. No.:	PU2-C-R-100-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-100-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr complementary measures
Structural Component:	Same as Alternative PU2-R-100-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,626	12,971	226	321	752	57	277	17	8
		Mid		16,497	549	878	2,332	167	224	15	7
		Low		18,217	810	1,185	3,307	223	171	14	6
2	High RSLR High Employment Dispersed Population	High	1,631	13,650	340	530	1,334	111	277	15	7
		Mid		16,755	608	913	2,411	173	224	14	7
		Low		18,371	866	1,234	3,424	235	171	13	6
3	Low RSLR Business-as-Usual Compact Population	High	1,627	8,445	202	277	669	48	277	17	8
		Mid		11,604	491	680	1,969	130	224	15	7
		Low		13,231	709	944	2,817	176	171	14	6
4	High RSLR Business-as-Usual Compact Population	High	1,632	8,945	289	417	1,031	82	277	15	7
		Mid		11,741	525	713	2,035	136	224	14	7
		Low		13,296	737	977	2,861	181	171	13	6

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		2,838	2,838	2,866	2,866
	1 / 2	11,299	Structural Component		13,348	13,420	13,348	13,420
	3 / 4	11,309	Total Project		31,843	31,947	31,871	31,975

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	288	2,834	1,034	1,512	210	2,129	308	
100-year	46,652	2,293	49,467	3,554	37,218	1,177	39,133	1,963	
400-year	51,671	36,990	53,124	37,779	40,614	30,738	41,659	31,163	
1,000-year	53,208	40,879	54,188	41,462	41,777	33,481	42,556	33,744	
2,000-year	53,965	41,942	54,716	42,447	42,386	34,174	42,963	34,395	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Authorized 100 - Year Levee
- Planning Unit 2

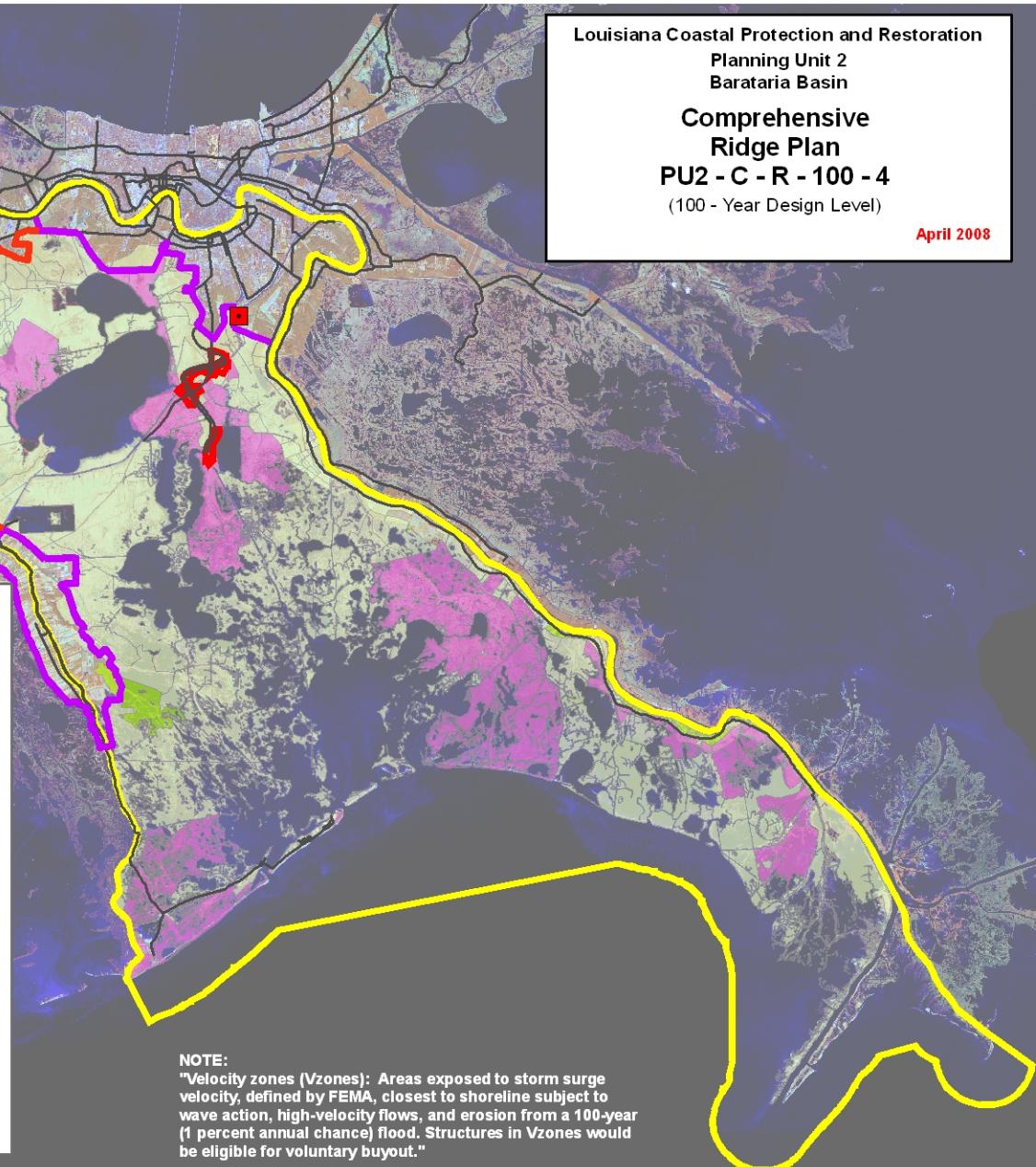
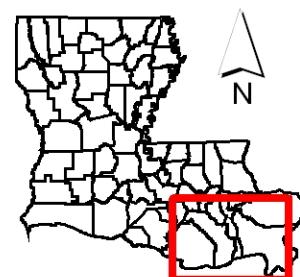
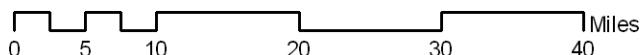
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

Planning Unit:	2	Alt. No.:	PU2-C-R-400-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-400-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr complementary measures
Structural Component:	Same as Alternative PU2-R-400-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,523	13,119	228	329	776	61	277	26	9
		Mid		16,002	515	765	2,098	155	224	26	9
		Low		17,014	645	910	2,522	177	171	25	8
2	High RSLR High Employment Dispersed Population	High	2,532	13,943	354	550	1,399	118	277	26	9
		Mid		16,281	560	810	2,171	162	224	25	9
		Low		17,170	689	977	2,634	188	171	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,573	8,549	208	293	692	52	277	26	9
		Mid		11,085	466	626	1,794	125	224	26	9
		Low		12,058	579	750	2,162	143	171	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,582	9,160	310	454	1,124	92	277	26	9
		Mid		11,235	496	668	1,864	132	224	25	9
		Low		12,125	600	802	2,236	150	171	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			13		After 50 yrs (% of baseline)	103	99	103
Direct Wetland Impacts (acres)			5,300		After 100 yrs (% of baseline)	110	104	104
Indirect Impacts (unitless)			4		Present Value of Life Cycle Costs (\$ Millions)			
Spatial Integrity (unitless)			0.36		Coastal Component		15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario		(\$ Millions)		Nonstructural Component		15,657	15,689
	1 / 2		17,844		Structural Component		2,300	2,300
	3 / 4		18,184		Total Project		31,466	31,605

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 400-year Design
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4	
	No Action	With Proj						
10-year	1,583	218	2,834	347	1,512	175	2,129	212
100-year	46,652	416	49,467	1,296	37,218	354	39,133	599
400-year	51,671	2,390	53,124	3,576	40,614	1,237	41,659	1,978
1,000-year	53,208	8,294	54,188	9,130	41,777	5,791	42,556	6,162
2,000-year	53,965	27,377	54,716	27,999	42,386	22,873	42,963	23,210

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Lafitte Ring Levee (100-Year Design Level)
- Planning Unit 2

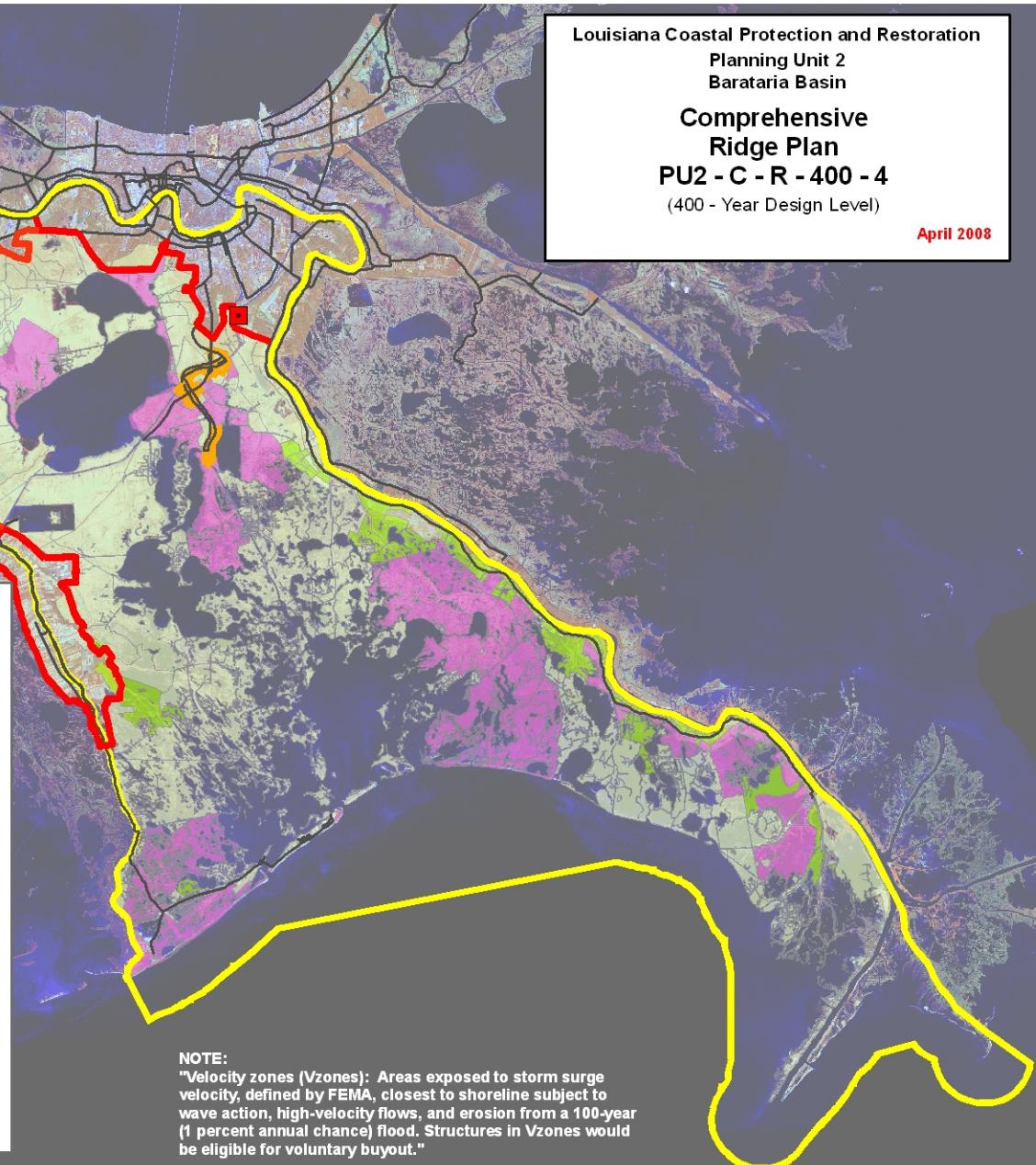
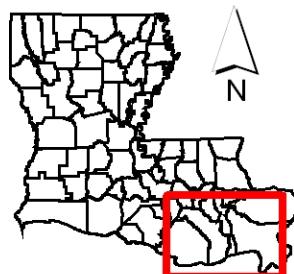
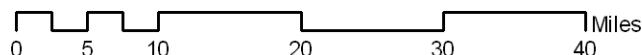
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

Planning Unit:	2	Alt. No.:	PU2-C-R-1000-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-R-1000-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		1000-yr complementary measures
Structural Component:	Same as Alternative PU2-R-1000-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,943	12,903	225	329	776	61	277	26	9
		Mid		15,761	509	758	2,084	154	224	26	9
		Low		16,628	626	886	2,462	172	171	25	8
2	High RSLR High Employment Dispersed Population	High	2,976	13,727	349	543	1,389	117	277	26	9
		Mid		16,040	551	797	2,152	160	224	26	9
		Low		16,784	660	937	2,548	182	171	23	8
3	Low RSLR Business-as-Usual Compact Population	High	2,975	8,511	205	293	692	52	277	26	9
		Mid		11,021	462	623	1,788	125	224	26	9
		Low		11,856	565	732	2,110	140	171	25	8
4	High RSLR Business-as-Usual Compact Population	High	3,007	9,121	307	450	1,114	92	277	26	9
		Mid		11,172	490	661	1,854	131	224	26	9
		Low		11,922	584	778	2,170	146	171	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		2,815	2,815	3,436	3,436
	1 / 2	20,758	Structural Component		39,174	39,774	39,174	39,774
	3 / 4	20,975	Total Project		57,646	58,277	58,267	58,899

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan Ridge Alt 1000-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	190	2,834	291	1,512	164	2,129	188	
100-year	46,652	336	49,467	607	37,218	300	39,133	444	
400-year	51,671	666	53,124	1,942	40,614	488	41,659	979	
1,000-year	53,208	2,264	54,188	3,423	41,777	1,254	42,556	1,945	
2,000-year	53,965	4,415	54,716	5,716	42,386	2,978	42,963	3,363	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4 7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Lafitte Ring Levee (100-Year Design Level)
- Planning Unit 2



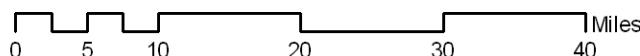
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

Planning Unit:	2	Alt. No.:	PU2-C-G-100-1	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-G-100-1 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr complementary measures
Structural Component:	Same as Alternative PU2-G-100-1				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,343	14,977	232	330	747	58	502	26	9
		Mid		17,773	495	751	2,062	148	449	26	9
		Low		19,020	633	984	2,558	176	396	24	8
2	High RSLR High Employment Dispersed Population	High	1,352	15,799	355	638	1,396	116	502	26	9
		Mid		18,099	562	882	2,203	161	449	26	9
		Low		19,250	697	1,044	2,693	188	396	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,347	10,008	211	294	676	51	502	26	9
		Mid		12,546	449	611	1,778	120	449	26	9
		Low		13,727	569	791	2,201	143	396	24	8
4	High RSLR Business-as-Usual Compact Population	High	1,356	10,671	311	518	1,152	93	502	26	9
		Mid		12,812	496	749	1,943	136	449	26	9
		Low		13,899	608	920	2,388	161	396	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario		Nonstructural Component		3,053	3,053	3,128	3,128	
	1 / 2	9,356	9,417	Structural Component		7,604	7,748	7,604	7,748
	3 / 4	9,382	9,443	Total Project		26,315	26,490	26,389	26,565

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan GIWW Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	702	2,834	1,209	1,512	586	2,129	888	
100-year	46,652	2,148	49,467	4,027	37,218	1,748	39,133	2,871	
400-year	51,671	6,471	53,124	8,140	40,614	4,781	41,659	5,812	
1,000-year	53,208	11,684	54,188	13,014	41,777	8,052	42,556	8,754	
2,000-year	53,965	13,601	54,716	14,559	42,386	9,115	42,963	9,812	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

April 2008

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Authorized 100 - Year Levee
- Weir
- Other Considerations
- Planning Unit 2

Voluntary Nonstructural Measures

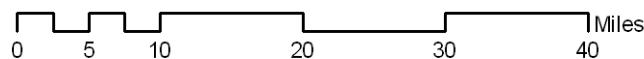
Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures



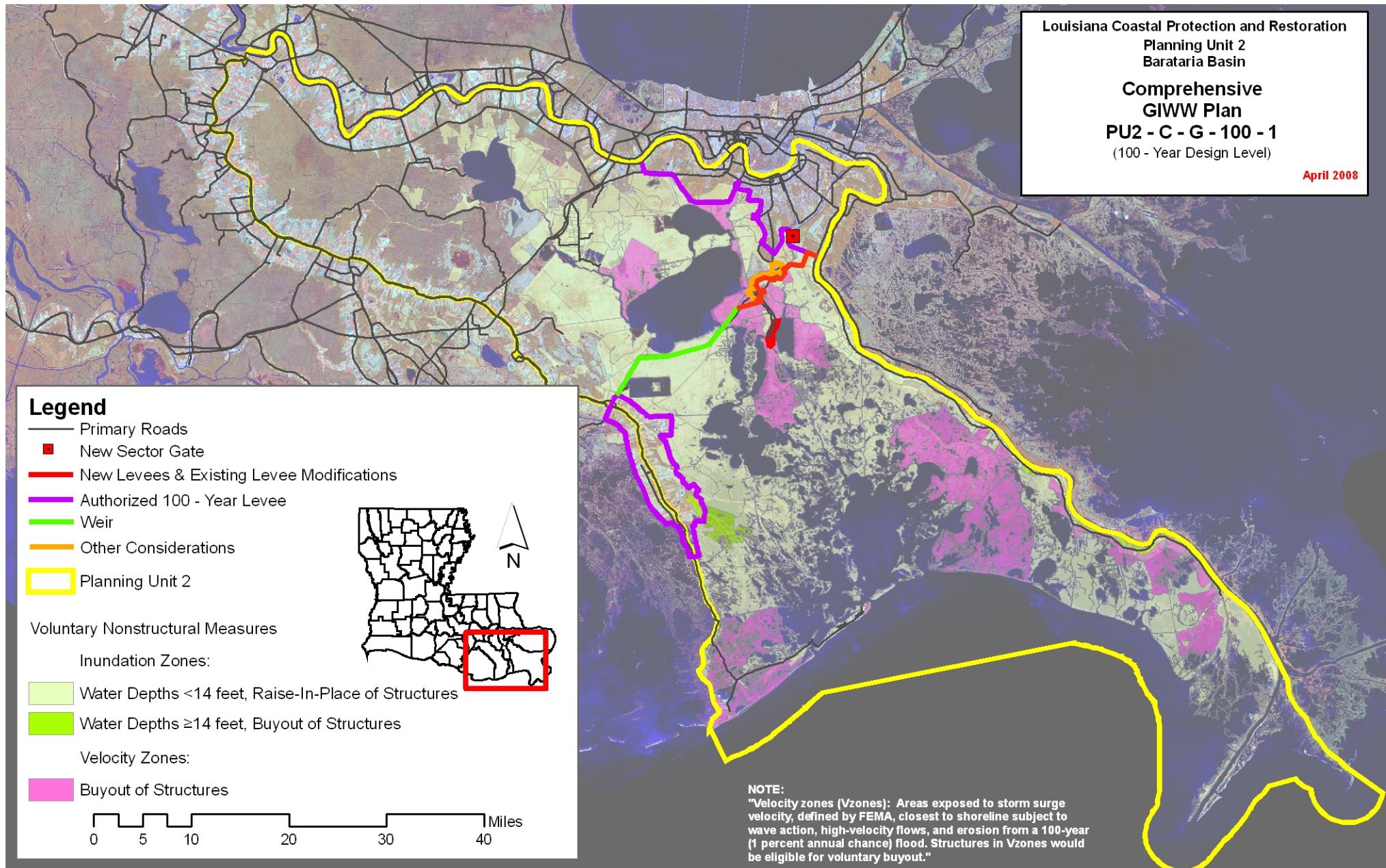
Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."



Planning Unit:	2	Alt. No.:	PU2-C-G-100-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-G-100-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		100-yr complementary measures
Structural Component:	Same as Alternative PU2-G-100-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	1,671	12,898	218	315	713	54	502	26	9
		Mid		15,549	477	716	1,986	140	449	26	9
		Low		16,755	611	945	2,484	168	396	24	8
2	High RSLR High Employment Dispersed Population	High	1,682	13,607	327	591	1,278	106	502	26	9
		Mid		15,789	528	822	2,059	148	449	26	9
		Low		16,924	658	980	2,543	174	396	23	8
3	Low RSLR Business-as-Usual Compact Population	High	1,673	8,213	198	206	635	46	502	26	9
		Mid		10,604	433	348	1,708	113	449	26	9
		Low		11,692	550	645	2,125	135	396	24	8
4	High RSLR Business-as-Usual Compact Population	High	1,684	8,734	286	471	1,036	84	502	26	9
		Mid		10,750	465	659	1,779	121	449	26	9
		Low		11,794	575	790	2,182	141	396	23	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario		Nonstructural Component		2,559	2,559	2,599	2,599	
	1 / 2	11,722	11,795	Structural Component		14,521	14,700	14,521	14,700
	3 / 4	11,736	11,809	Total Project		32,737	32,948	32,777	32,988

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan GIWW Alt 100-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	336	2,834	611	1,512	220	2,129	303	
100-year	46,652	1,396	49,467	2,674	37,218	1,092	39,133	1,672	
400-year	51,671	5,785	53,124	6,754	40,614	4,345	41,659	4,800	
1,000-year	53,208	10,537	54,188	11,352	41,777	7,286	42,556	7,551	
2,000-year	53,965	12,167	54,716	12,656	42,386	8,132	42,963	8,353	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.7/8% Federal discount rate. All dollar metrics are based on 2007 price levels.

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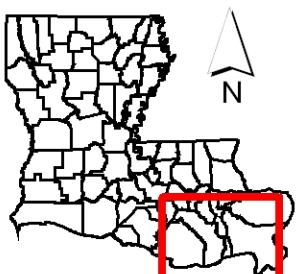
Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Authorized 100 - Year Levee
- Weir
- Other Considerations
- Planning Unit 2

Voluntary Nonstructural Measures

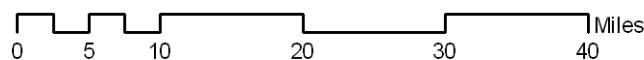
Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures



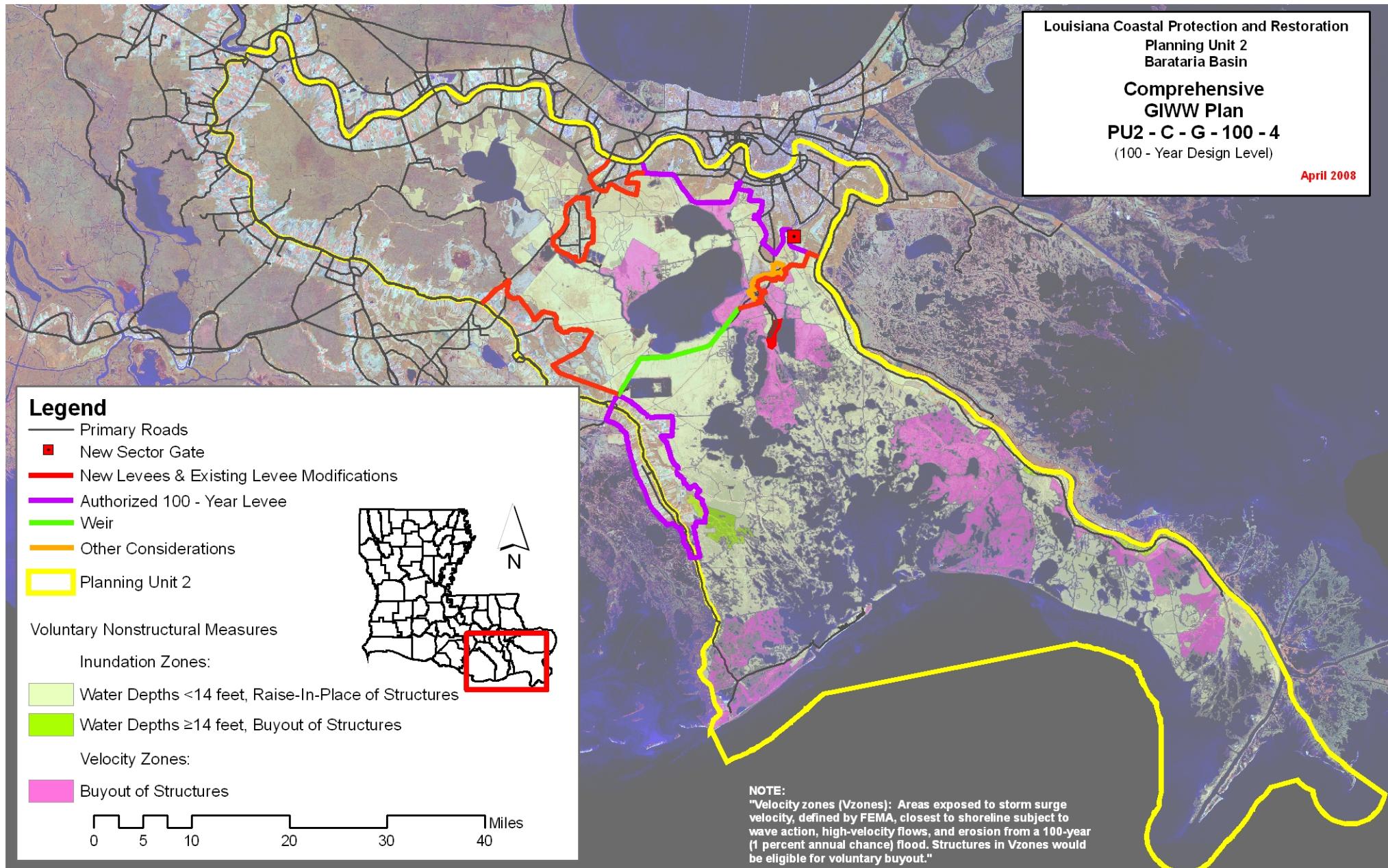
Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."



Planning Unit:	2	Alt. No.:	PU2-C-G-400-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-G-400-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		400-yr complementary measures
Structural Component:	Same as Alternative PU2-G-400-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	2,691	13,140	234	336	781	61	502	27	9
		Mid		15,847	521	768	2,097	155	449	27	9
		Low		16,772	644	899	2,492	174	396	25	8
2	High RSLR High Employment Dispersed Population	High	2,700	13,960	363	567	1,406	119	502	27	9
		Mid		16,089	571	814	2,176	162	449	27	9
		Low		16,922	687	1,015	2,590	185	396	24	8
3	Low RSLR Business-as-Usual Compact Population	High	2,726	8,471	213	298	690	52	502	27	9
		Mid		10,895	471	633	1,793	125	449	27	9
		Low		11,765	577	742	2,127	141	396	25	8
4	High RSLR Business-as-Usual Compact Population	High	2,735	9,081	317	471	1,140	94	502	27	9
		Mid		11,041	501	679	1,875	133	449	27	9
		Low		11,853	598	835	2,210	150	396	24	8

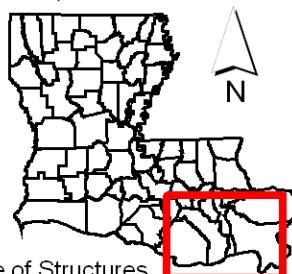
Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4	
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99	
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104	
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)						
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689	
Non-Federal Share of Present Value of Life Cycle Costs	Scenario		Nonstructural Component		2,302	2,302	2,988	2,988	
	1 / 2	18,964	19,022	Structural Component		34,745	34,880	34,745	34,880
	3 / 4	19,204	19,262	Total Project		52,704	52,871	53,390	53,557

2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan GIWW Alt 400-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	260	2,834	492	1,512	177	2,129	225	
100-year	46,652	522	49,467	1,343	37,218	412	39,133	637	
400-year	51,671	2,201	53,124	3,288	40,614	1,158	41,659	1,764	
1,000-year	53,208	3,927	54,188	4,869	41,777	1,994	42,556	2,366	
2,000-year	53,965	5,011	54,716	5,635	42,386	2,623	42,963	2,966	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

Legend

- Primary Roads
- New Sector Gate
- New Levees & Existing Levee Modifications
- Lafitte Ring Levee (100 - Year Design Level)
- Weir
- Other Considerations
- Planning Unit 2



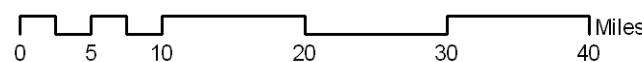
Voluntary Nonstructural Measures

Inundation Zones:

- Water Depths <14 feet, Raise-In-Place of Structures
- Water Depths ≥14 feet, Buyout of Structures

Velocity Zones:

- Buyout of Structures



NOTE:

"Velocity zones (Vzones): Areas exposed to storm surge velocity, defined by FEMA, closest to shoreline subject to wave action, high-velocity flows, and erosion from a 100-year (1 percent annual chance) flood. Structures in Vzones would be eligible for voluntary buyout."

Planning Unit:	2	Alt. No.:	PU2-C-G-1000-4	Category:	Comprehensive (Coastal+Structural+Nonstructural)
Alternative Description:	Comprehensive plan--Same coastal and structural measures as Alternative PU2-G-1000-4 but with complementary nonstructural measures to reduce residual risk.				
Coastal Component:	R2 (pulsed diversions)		Nonstructural Component:		1000-yr complementary measures
Structural Component:	Same as Alternative PU2-G-1000-4				

Scenario	Future Conditions (Relative Sea Level Rise (RSLR) and Redevelopment Assumptions)	Uncertainty	Results by Scenario with Uncertainty Bands								
			Life Cycle Cost	Population Impacted	Residual Damages	Gross Regional Output Impacted	Employment Impacted	People's Earned Income Impacted	Archeo. Sites Protected	Historic Properties Protected	Historic Districts Protected
			Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	Ann. Equiv. \$ Millions	Ann. Equiv. #	Ann. Equiv. \$ Millions	# Sites	# Properties	# Districts
1	Low RSLR High Employment Dispersed Population	High	3,113	12,782	228	335	780	61	502	27	9
		Mid		15,367	512	759	2,088	154	449	27	9
		Low		16,250	630	889	2,465	172	396	25	8
2	High RSLR High Employment Dispersed Population	High	3,121	13,584	355	553	1,393	117	502	27	9
		Mid		15,593	557	805	2,152	160	449	27	9
		Low		16,383	665	934	2,542	181	396	24	8
3	Low RSLR Business-as-Usual Compact Population	High	3,139	8,165	208	297	689	52	502	27	9
		Mid		10,440	465	626	1,787	125	449	27	9
		Low		11,274	568	736	2,110	139	396	25	8
4	High RSLR Business-as-Usual Compact Population	High	3,147	8,760	311	463	1,128	93	502	27	9
		Mid		10,573	493	675	1,860	132	449	27	9
		Low		11,349	586	784	2,178	147	396	24	8

Other Results			Wetlands Created/Protected		Scenario 1	Scenario 2	Scenario 3	Scenario 4
Construction Time (years)			After 50 yrs (% of baseline)		103	99	103	99
Direct Wetland Impacts (acres)			After 100 yrs (% of baseline)		110	104	110	104
Indirect Impacts (unitless)			Present Value of Life Cycle Costs (\$ Millions)					
Spatial Integrity (unitless)			Coastal Component		15,657	15,689	15,657	15,689
Non-Federal Share of Present Value of Life Cycle Costs	Scenario	(\$ Millions)	Nonstructural Component		2,981	2,981	3,492	3,492
	1 / 2	21,694	Structural Component		42,335	42,457	42,335	42,457
	3 / 4	21,872	Total Project		60,973	61,127	61,483	61,638

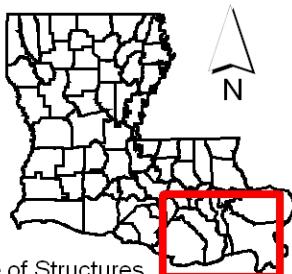
2075 Residual Risk / Damages - Low Uncertainty (\$ Millions)								Planning Unit 2 Comprehensive Plan GIWW Alt 1000-year Design	
Frequency	Scenario 1		Scenario 2		Scenario 3		Scenario 4		
	No Action	With Proj							
10-year	1,583	185	2,834	326	1,512	157	2,129	183	
100-year	46,652	323	49,467	652	37,218	280	39,133	393	
400-year	51,671	651	53,124	1,781	40,614	395	41,659	804	
1,000-year	53,208	1,926	54,188	2,856	41,777	782	42,556	1,297	
2,000-year	53,965	3,063	54,716	3,996	42,386	1,169	42,963	1,592	

Note: Present Value costs and Annual Equivalent numbers are calculated for the period from 2010 to 2075 at common base year 2025 using a 4.78% Federal discount rate. All dollar metrics are based on 2007 price levels.

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Legend

- Primary Roads
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Velocity Zones:

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