

2. TABLE OF CONTENTS

<u>Section</u>	<u>Title</u>	<u>Page</u>
1. SUMMARY.....		EIS-1
1.1. Major Conclusions and Findings.....		EIS-1
1.1.1. Purpose and Need		EIS-1
1.1.2. Alternatives.....		EIS-1
1.1.3. Rationale for the Recommended Plan.....		EIS-2
1.1.4. Environmental Impacts		EIS-2
1.1.5. Environmental Features		EIS-3
1.1.6. Threatened and Endangered Species		EIS-3
1.1.7. Executive Order 11988, Floodplain Management		EIS-3
1.1.8. Executive Order 11990, Protection of Wetlands		EIS-4
1.1.9. Executive Order 12898, Environmental Justice.....		EIS-4
1.1.10. Section 404(b)(1) Evaluation.....		EIS-5
1.1.11. State Water Quality Certification (Section 401)		EIS-5
1.1.12. Consistency with the Louisiana Coastal Resources Program.....		EIS-5
1.2. Areas of Resolved Controversy.....		EIS-5
1.3. Unresolved Issues.....		EIS-6
1.4. Environmental Commitments and Mitigation Plan		EIS-6
2. TABLE OF CONTENTS.....		EIS-8
3. PURPOSE AND NEED FOR ACTION.....		EIS-11
3.1. Study Authority		EIS-11
3.2. Need for Action.....		EIS-11
3.3. Public Concerns		EIS-11
3.4. Planning Objectives.....		EIS-12
4. ALTERNATIVES		EIS-13
4.1. Plans Eliminated from Further Study		EIS-13
4.1.1. Lock Locations		EIS-13
4.1.2. Connecting Channels.....		EIS-14
4.1.3. Lock Size and Type		EIS-14
4.2. No Action/Without Project Conditions		EIS-15
4.3. Plans Considered in Detail		EIS-15
4.3.1. General		EIS-15
4.3.2. No Action		EIS-15
4.3.3. Float-in Floodgate for Flood Control.....		EIS-16
4.3.4. In-Kind Replacement Lock for Flood Control.....		EIS-16
4.3.5. New Lock for Navigation and Flood Control		EIS-17
4.3.6. Supplemental Features of the Recommended Plan as a Result of Public Meeting on Draft EIS		EIS-19
4.3.7. Economic Comparison of Alternatives Considered.....		EIS-21
4.3.8. National Economic Development Plan		EIS-21
4.3.9. Locally Preferred Plan		EIS-21

4.3.10.	Environmentally Preferred Plan	EIS-22
4.3.11.	Recommended Plan.....	EIS-23
4.4.	Comparative Impacts of Alternatives Summary	EIS-22
5.	AFFECTED ENVIRONMENT/ENVIRONMENTAL EFFECTS.....	EIS-24
5.1.	Environmental Conditions	EIS-24
5.2.	Significant Resources and Effects of Alternatives.....	EIS-24
5.2.1.	Introduction.....	EIS-24
5.2.2.	Waterborne Transportation	EIS-27
5.2.3.	Flood Protection Systems.....	EIS-28
5.2.4.	Business and Industrial Activity.....	EIS-29
5.2.5.	Employment	EIS-30
5.2.6.	Land Use	EIS-31
5.2.7.	Property Values.....	EIS-32
5.2.8.	Public/Community Facilities and Services	EIS-33
5.2.9.	Tax Revenues	EIS-33
5.2.10.	Population and Community and Regional Growth.....	EIS-34
5.2.11.	Vehicular Transportation.....	EIS-35
5.2.12.	Housing	EIS-36
5.2.13.	Community Cohesion.....	EIS-37
5.2.14.	Noise	EIS-37
5.2.15.	Air Quality	EIS-38
5.2.16.	Bottomland Hardwoods and Cypress Swamp	EIS-40
5.2.17.	Aquatic Habitats.....	EIS-47
5.2.20.	Threatened and Endangered Species	EIS-54
5.2.21.	Recreation	EIS-56
5.2.22.	Cultural Resources including National Register Listings.....	EIS-58
5.4.	Secondary/Cumulative Effects	EIS-60
5.4.1.	Navigation and Bank Erosion	EIS-60
5.4.2.	Increased Tow Size	EIS-62
5.4.3.	Cumulative Environmental Effects	EIS-63
6.	PUBLIC INVOLVEMENT, REVIEW, AND CONSULTATION	EIS-65
6.1.	Public Involvement Program and Study History.....	EIS-65
6.2.	Required Coordination.....	EIS-66
6.3.	Statement Recipients.....	EIS-66
6.4.	Public Views and Responses	EIS-66
6.5.	Fish and Wildlife Coordination Act.....	EIS-68
7.	LIST OF PREPARERS	EIS-71
8.	LITERATURE CITED.....	EIS-72
9.	INDEX	EIS-74

LIST OF TABLES IN EIS

<u>Table Number</u>	<u>Table Name</u>	<u>Page</u>
Table 1	Environmental Commitments	EIS-7
Table 2	Economic Comparison of Alternatives	EIS-21
Table 3	Summary of Impacts to Significant Resources	EIS-23
Table 4	Attributes of Significant Resources	EIS-25
Table 5	Recognition of Significant Resources	EIS-26
Table 6	Bayou Sorrel Lock Average Delays by Alternative and Year	EIS-28
Table 7	Project Impacts Without Mitigation	EIS-48
Table 8	Project Mitigation	EIS-49
Table 9	Bayou Sorrel Traffic Accommodated by Year	EIS-61
Table 10	Compliance with Environmental Statutes	EIS-67

LIST OF PLATES FOR EIS

<u>Plate Number</u>	<u>Plate Name (Plates Follow EIS)</u>
Plate 1	Habitat Areas Evaluated
Plate 2	Dredged Material Disposal Areas

LIST OF REPORT AND EIS VOLUMES AND APPENDICES

Volume 1	Main Report and Environmental Impact Statement
Volume 2	Appendix A, Economics Appendix
Volume 3	Appendix B, Environmental Design and Real Estate
Volume 4	Appendix C, Engineering Design
Volume 5	MCASES Cost Estimate
Volume 6	Value Engineering Team Study Report
Volume 7	Quality Control Plan, Technical Review, Public Meeting, Comments, and Responses