1. Feasibility Study Volume 1, Draft Main Report
2. Feasibility Report on Freshwater Diversion to Barataria and Breton Sound Basins

5. Syllabus – stated that the estuaries and wetlands are seriously threatened by habitat changes associated with saltwater intrusion, an investigation was conducted, the study area includes 13% of the nation’s wetlands

6. Table of contents

11. Feasibility Report on Freshwater Diversion to Barataria and Breton Sound Basins - Environmental Impact Statement

12. Study Authority – authorized by resolutions of the Committee on Public Works of the US Senate and House of Representatives, a description of the study area is given, states purpose of study

15. Prior Studies, Reports, and Existing water projects- list of studies that were authorized as part of the Louisiana Coastal Area study, with descriptions of what the studies sought to accomplish

18. Plan Formulation

19. Existing Conditions – climate – gives a description of the area’s climate

20. Water resources – describes surface drainage in the area, tides, discharges, salinity levels, water quality

22. Land Resources – describes how land in study area formed, topographic features, average land loss

23. Biological Resources – description of vegetation, fisheries supported, type of game, reptiles, birds

25. Cultural resources – description of local cultural resources such as plantations, churches, forts

25. Recreational Resources – examples such as fishing, crabbing, boating, camping

25. Economy – minerals, fish and wildlife resources, crops

28. Human Resources – population, income growth, employment

28. Future conditions - projections

29. Water Resources – projections about how much land will be converted to open water, saltwater intrusion projections, water quality conditions

29. Land Resources – more projections are land converting to water, land loss rate estimated at 1.6 square miles per year, changes in land diversity

30. Biological Resources – projected deteriorated fish and wildlife resources

31. Table 1 – Projected Habitat Type Changes 1978-2035

32. Cultural, recreational and economy projections

33. Human resources – projected population growth

34. Table 2 – Projected Decline in Fish and Wildlife Harvest due to Habitat Loss

35. Problems, needs and opportunities- problems – stating that salt water intrusion a primary factor affecting fish and wildlife resources, will kill vegetation causing open water areas, causing oyster areas to move, reduced fisheries areas, loss of jobs associated with recreational and commercial fishing

38. Needs and Opportunities – reduce salinity area, increase amounts of nutrients and sediment, increase recreational opportunities, reduce land loss, description of small-scale freshwater diversion started in 1957, studies found that reduced saltwater increased oyster production, best salinity gradients

42. Study Objectives – lists objectives

43. Planning Constraints – cost and benefit analysis, impacts, recognition that this is a complex problem, “current understanding of the specific effects of diversions on biological resources is based partly on several small-scale diversions to enhance fish and wildlife but is largely the result of inductive reasoning and expert judgment.”

45. Management measures – lists types of measures that can be implemented

46. Freshwater diversion – description of diversion and area chosen

47. Table 3 – management measures and planning objectives they meet

48. Table 4 - can’t read

49. Table 4 continued – can’t read

50. Table 4 continued – can’t read

51. Saltwater Barriers – description of cost and that this measure was eliminated from further consideration

52. Fill open water areas – not be considered further, regulate alteration of wetlands will be considered

53. Establish sanctuaries was eliminated from further study, manage fish and wildlife not considered further either

53. Development of Alternative Plans – other cites were examined

55. Table 5 – Alternative Combinations of Sites and Flows

56. Presentation and Assessment of Plans – description of plans evaluated

57-68. Table 6 (?) – can’t read

69. continued descriptions of plans evaluated

72. Trade-off Analysis – Plan comparison – description of costs of plans, benefits, comparisons of each of the 16 plans against one another.