Improving Water Quality in the Mississippi River Basin and Northern Gulf of Mexico: Strategies and Priorities

Committee on Clean Water Act Implementation Across the Mississippi River Basin

Water Science and Technology Board

NATIONAL RESEARCH COUNCIL

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Improving Water Quality In The Mississippi River Basin And Northern Gulf Of Mexico

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Summary: Free improving water quality in the mississippi river basin and northern gulf of mexico pdf download - most water resources managers scientists and other experts would agree that nonpoint source pollution is a more pressing and challenging national water quality problem today than point source pollution nonpoint sources of pollutants include parking lots farm fields forests or any source not from a discrete conveyance such as a pipe or canal of particular concern across the mississippi river basin mrb are high levels of nutrient loadings--nitrogen and phosphorus--from both nonpoint and point sources that ultimately are discharged into the northern gulf of mexico ngom nutrients emanate from both point and nonpoint sources across the river basin but the large majority of nutrient yields across the mrb are nonpoint in nature and are associated with agricultural activities especially applications of nitrogen-based fertilizers and runoff from concentrated animal feeding operations improving water quality in the mississippi river basin and northern gulf of mexico offers strategic advice and priorities for addressing mrb and ngom water quality management and improvements although there is considerable uncertainty as to whether national water quality goals can be fully realized without some fundamental changes to the cwa there is general agreement that significant progress can be made under existing statutory authority and budgetary processes this book includes four sections identifying priority areas and offering recommendations to epa and others regarding priority actions for clean water act implementation across the mississippi river basin these sections are usda s mississippi river basin healthy watersheds initiative numeric water quality criteria for the northern gulf of mexico a basinwide strategy for nutrient management and water quality and stronger leadership and collaboration

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