

Possible Table of Contents

Vision Statement

Executive Summary

Chapter 1. – Introduction to Basin Planning

Relationship to other plans: Lake Champlain Phosphorus TMDL, Opportunities of Action, Stevens and Rugg Brooks Watershed Study, Colchester Water Quality Strategic Plan

Chapter 2. – Land uses and water-based resources in the basin

Shelburne Bay

Burlington Bay

Malletts Bay

St. Albans Bay

Islands

Chapter 3. – Water Quality

Shelburne Bay

Burlington Bay

Malletts Bay

St. Albans Bay

Islands

Chapter 4. Strategies to Resolve Water Quality Concerns

Aquatic Nuisance Species

St. Albans Bay

Islands

Algal Blooms

Northeast Arm (includes Islands) and St. Albans Bay,

Reducing phosphorus levels (includes Islands)

Understanding problem

(Hydrodynamic study of Carry Bay is present strategy)

Reducing P concentrations in overland flow

Reducing P concentrations in the water column

Stability of River Corridors

Shelburne Bay (LaPlatte River)

Pathogen levels

Burlington Bay

Malletts Bay

Toxins

Shelburne and Burlington Bay

Chapter 5. – Specific Waters with Water Quality Problems (303(d) listed waters)

Strategies to remediate – would refer back to strategies in Chapter 4, projects already initiated, state permits (WIPs), or new actions

Chapter 6. Establishing Management Goals for Surface Waters

Typing and Classification

Sample of possible outline for the Northern Lake Champlain Basin Plan

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Warm and Cold Water Fisheries
Existing Uses
Outstanding Resource Waters
Recommendations for Further Action

Chapter 7. Implementation of the Basin Plan