

POND SEALING OR LINING – FLEXIBLE MEMBRANE

PRACTICE INTRODUCTION

Code 521A -

USDA, Natural Resources Conservation Service - practice code 521A



POND, SEALING OR LINING

Pond, Sealing or Lining is a liner for a pond or waste impoundment consisting of a continuous synthetic flexible material.

PRACTICE INFORMATION

The purpose of this practice is to control seepage from water and waste impoundments for water conservation and environmental protection.

This practice applies on ponds and water storage structures that require treatment to control seepage rates within acceptable limits and to prevent the migration of contaminants offsite. Select soil materials will be used as cover for liners where required for proper performance, protection and durability of the installation. Sub grade materials shall not contain sharp, angular stones or any objects that could damage the liner or adversely impact its function.

COMMON ASSOCIATED PRACTICES

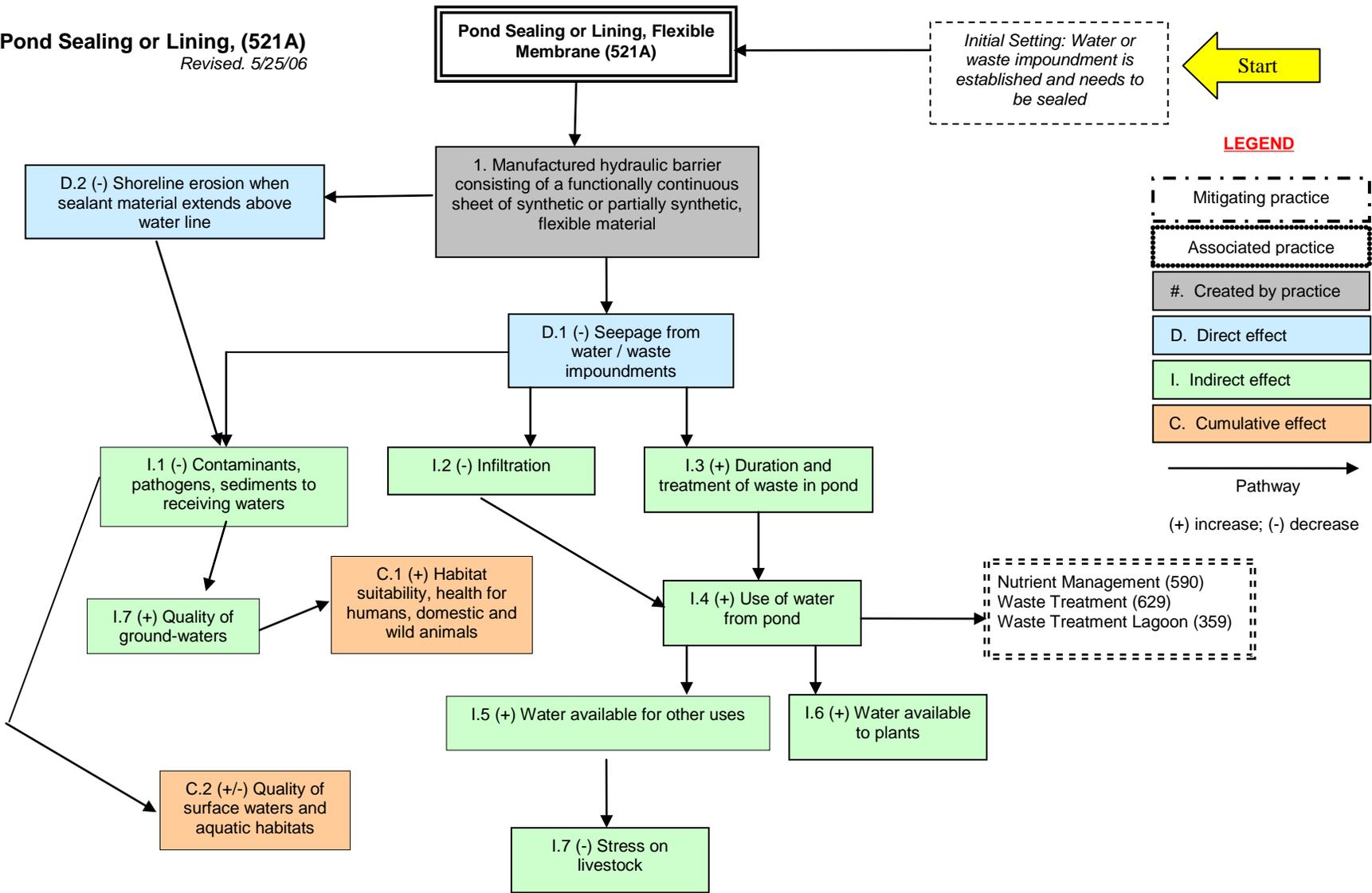
The practice is commonly used in a Conservation Management System with the following practices.

- Irrigation Storage Reservoir
- Irrigation Regulating Reservoir
- Pond
- Waste Storage Facility
- Waste Treatment Lagoon

Refer to the practice standard in the local Field Office Technical Guide and associated specifications and Job Sheets for further information.

The following page identifies the conservation effects expected to occur when this practice is applied. These effects are subjective and somewhat dependent on variables such as climate, terrain, soil, etc. Users are cautioned that these effects are estimates that may or may not apply to a specific site.

Pond Sealing or Lining, (521A)
Revised: 5/25/06



LEGEND

- Mitigating practice
- Associated practice
- #. Created by practice
- D. Direct effect
- I. Indirect effect
- C. Cumulative effect

Pathway →

(+) increase; (-) decrease