



A healthy wet pond will treat storm water and remove harmful pollutants such as nutrients, metals, and grease before leaving the site and entering into local streams and lakes.

HOW DOES IT WORK?

These ponds capture rainfall from storm drains and runoff from rooftops, parking lots, driveways, and other hard surfaces. There are three main components of the Wet Pond that help treat storm water:

1

The forebay is a pool where the water first enters the pond, and heavier pollutants, such as sediment, initially settle there.

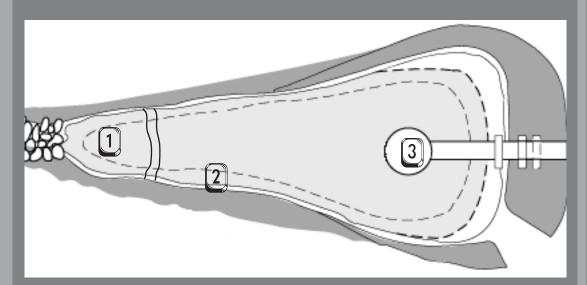
2

3

The aquatic shelf (or littoral shelf) is a shallow water zone of the pond where wetland plants uptake nutrients and other pollutants.

The drawdown structure allows the water to be released slowly which gives time for the pollutants to settle out.

WET POND SCHEMATIC





REMEMBER

A good diversity of wetland plants will attract dragonflies which will keep the mosquitoes away.

A fountain can help aerate the pond and reduce algae blooms. The majority of algae blooms are non-toxic but can kill fish.

WET POND MAINTENACE TASKS AND SCHEDULE

	TASK	SCHEDULE	
	Forebay inspection and cleanout	Monthly inspection. Remove sediment every 7 years or whenever the sediment volume exceeds 50% of storage volume	
	Volume measurement	Yearly – Dredging needed every 20 years or when 25% of permanent pool volume has been lost	
	Bank mowing and inspection / stabilization of eroded areas	Monthly	
	Viisual inspection of water quality	Monthly 🗲	
	Unwanted vegetation (woody vegetation and cattails) and trash removal	Monthly	
	Outlet / inlet inspection for damage and clogging	Monthly K	
	Inspect for structural damage, leaks, etc	Yearly	
B	Inspect / exercise all mechanical devices, valves, etc	Yearly	
	Rodent Management & Security	As Needed	

- Regular inspections, especially after rain events, are important to ensure that the Wet Pond is functioning properly.
- Preventative maintenance will help you avoid costly corrective maintenance and repairs.

If the Wet Pond is not functioning properly, such as unusual water levels, call 311. An inspector will help you determine what the issue is so repairs can be made.