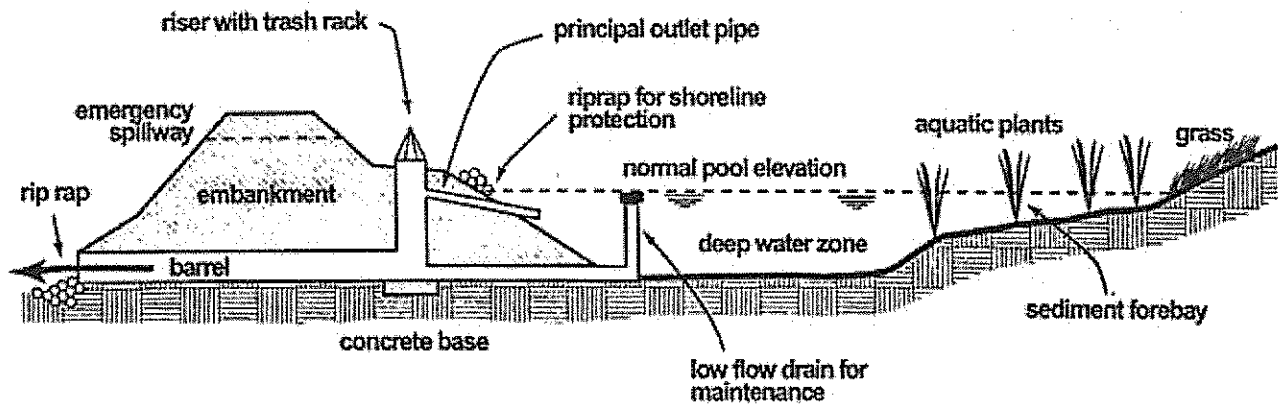


Retention Basin - "Wet Pond"

Wet ponds are designed to contain a permanent pool of water much like a lake. Stormwater runoff is temporarily stored above the permanent pool and released at a controlled rate. The release is regulated by an outlet similar to that employed in a dry pond.

The advantages of a wet pond over a dry pond are higher pollutant removal and less chance that pollutants will be resuspended during a storm. However, wet ponds also pose a higher safety liability than other



MAINTENANCE IS REQUIRED WHEN:

- There are visible signs of sediment accumulation.
- Insects and/or odor become problems.
- Algae blooms occur in the summer months or the ponded areas become dominated by a single aquatic plant.
- There is visible damage to the embankment or to the mechanical components.
- There are visible seeps on the downstream dam face.
- Woody vegetation is growing on the dam.
- Beavers are present in the plunge pool.

NOTE: If your wet pond is protected by perimeter fencing, periodic inspections of its integrity should be conducted.



Wet ponds and their surrounding vegetated buffers may also serve as an aesthetic or recreational amenity, as well as habitat for some wildlife.