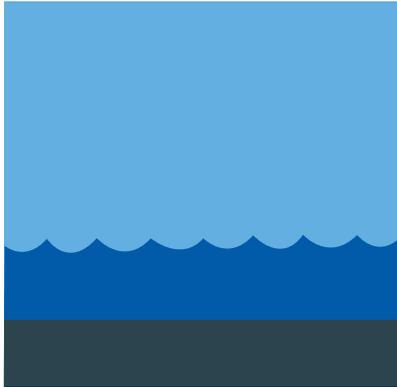
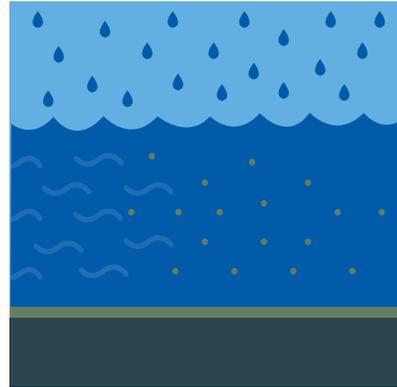


Stormwater Pond Maintenance



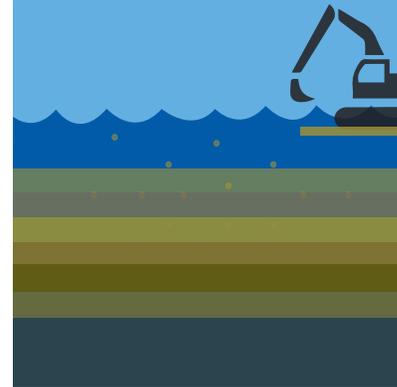
Dry weather

Under normal dry weather conditions, the pond facility is not receiving stormwater. Water levels in the pond are from previous storm events.



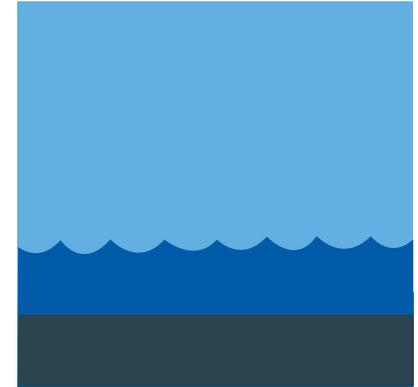
Wet weather

In wet weather conditions, the pond facility receives stormwater, either diverted from pipes, or from creek channels. The water entering the pond is slowed down and temporarily stored, helping to prevent downstream flooding. Sediments in the stormwater settle to the bottom of the pond facility, resulting in cleaner water exiting the facility.



Over time...

Sediment from seasonal storm events builds up in the pond. Sediment buildup reduces the ability of ponds to clean stormwater, and eventually must be removed.



After maintenance

Periodic maintenance dredging, which can be completed using several different techniques, removes sediment and restores the ability of pond facilities to clean stormwater.