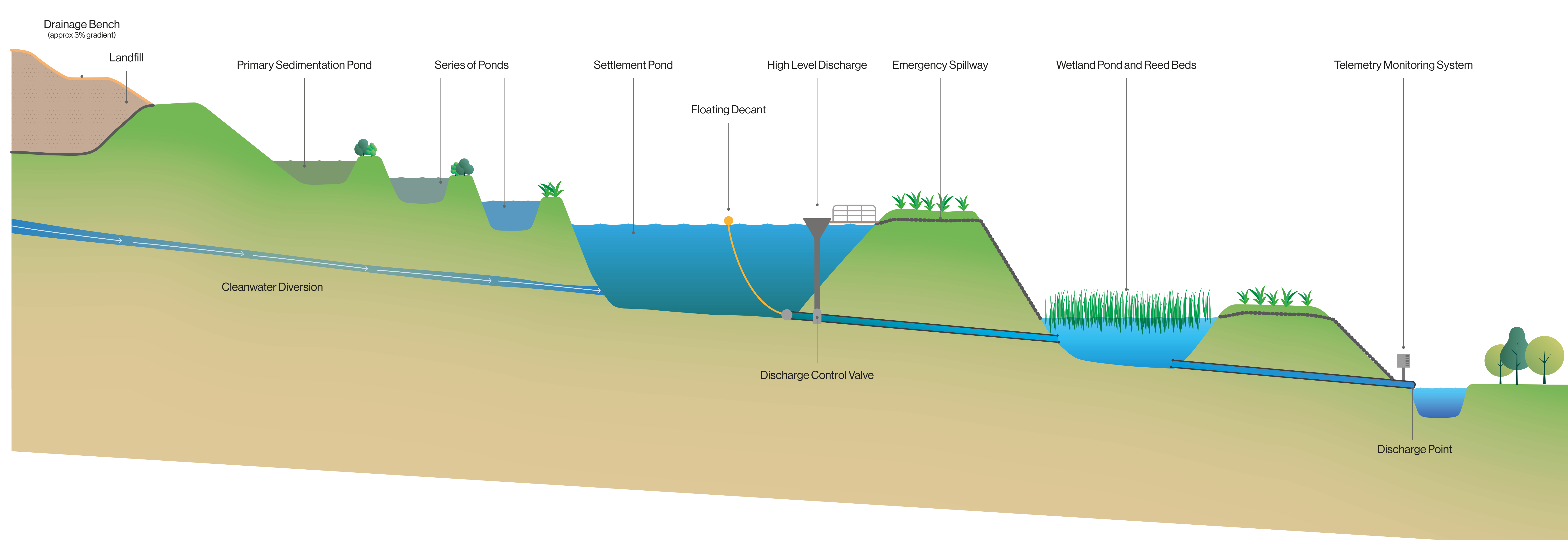


# Stormwater pond management system

The proposed Auckland Regional Landfill will be constructed with a best practice stormwater pond management system to mitigate potential environmental effects and monitor water quality leaving the site.



This diagram is illustrative and is typical of a Class 1 landfill stormwater pond management system.

## Drainage Bench

Reduces erosion on the landfill.

## Primary Sedimentation Pond

Starts the process of removing sediment from the stormwater.

## Series of Ponds

Retains and removes silt from the stormwater.

## Settlement Pond

Manages flood peaks.

## Discharge Control Valve

Controls the water level in the settlement pond.

## Emergency Spillway

Safely allows for any extreme rain events.

## Wetland Pond and Reed Beds

Final step in the process of filtering the stormwater.

## Telemetry Monitoring System

Monitors stormwater discharge.

## Discharge Point

Releases stormwater into the streams.



For updates about the proposed Auckland Regional Landfill visit [wastemanagement.co.nz/arl](http://wastemanagement.co.nz/arl)

Questions? Call **0800 927 837** or email [arl@wastemanagement.co.nz](mailto:arl@wastemanagement.co.nz)