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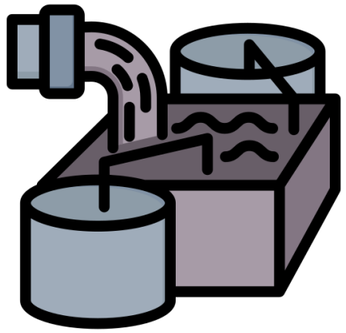
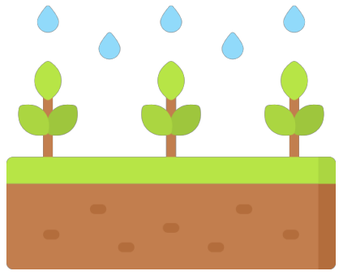


BEACHLANDS
WWTP

AVIAN FAECAL
MATTER

AMMONIA VOLATISATION
BIOLOGICAL DENITRIFICATION



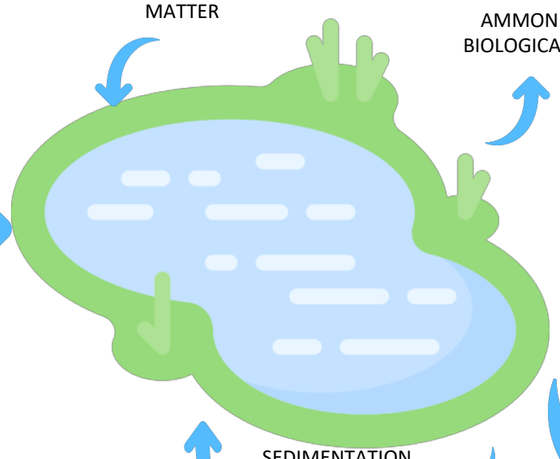
ADSORPTION
ION EXCHANGE
NITRIFICATION
IMMOBILISATION
PLANT UPTAKE

NUTRIENT
LEACHING

OVERLAND
FLOW SLOPES

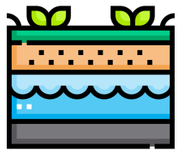
AVIAN FAECAL
MATTER

AMMONIA VOLATISATION
BIOLOGICAL DENITRIFICATION

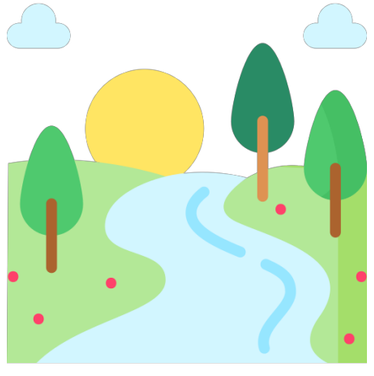


SEDIMENTATION
MINERALISATION
ADSORPTION
PLANT UPTAKE

FARM POND



SHALLOW GROUNDWATER



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PROJECT: A028030001 - BEACHLANDS OVERLAND FLOW SYSTEM

FIGURE 2: OVERLAND FLOW SYSTEM
CONCEPTUAL SITE MODEL