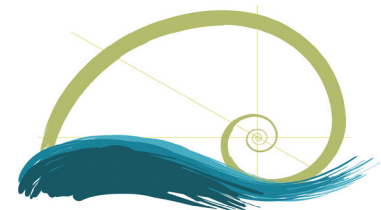
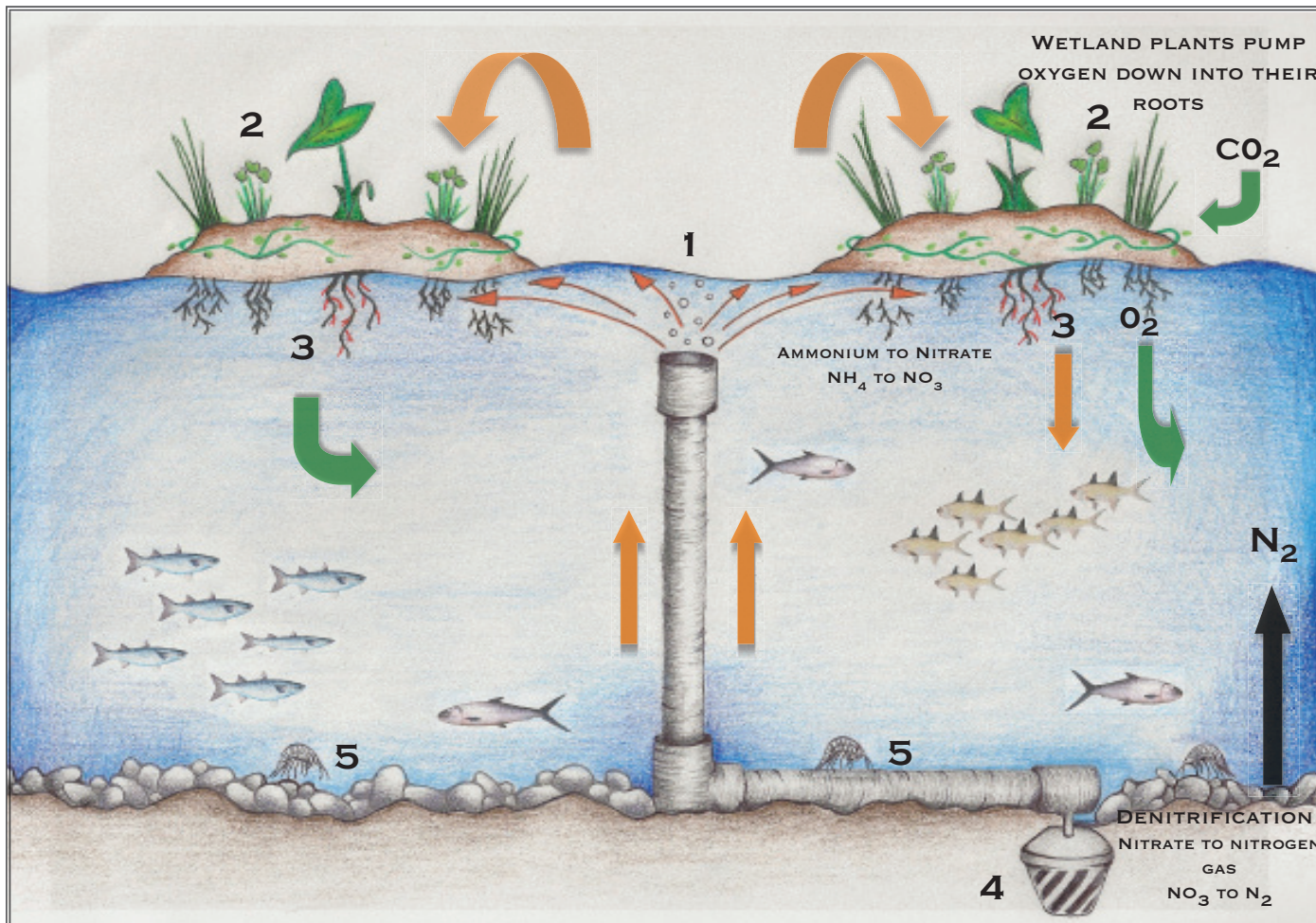


# The Restorer™

The Restorer™ “jump starts” the pond ecology, enabling organisms to metabolize nutrients in the pond.

- 1) Air lift raises nutrient-rich sediments from bottom of pond and oxygenates the water.
- 2) Nutrients flow downward through porous media containing nitrifying bacteria.
- 3) Nutrients flow over roots of the Restorer™ wetland plants. The root zone also acts as an oxygen-rich habitat for other nutrient-consuming organisms.
- 4) As the flow moves downward through the gravel media, nitrate is consumed by oxygen-hungry micro-organisms in the sediments releasing nitrogen gas.
- 5) Restorer systems can be designed to also integrate commercial aquaculture into water features supplying food for local restaurants.



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