

SPOC

The 4 basics to having a healthy Pond

Surface area

(By this I don't mean water surface)

Create lots of surface area for beneficial bacteria to colonise on.

Rock and river gravel also a biological filter if possible.

Plants

Scientific name Phytofiltration.

During construction create shallow shelves for marginal plants.

40% to 60% of the ponds water surface area should be in plants, planted directly in the pond (No Baskets) or an active bog filter 10% to 20% of ponds water surface area.

Oxygen

Your ponds ecosystem needs lots of oxygen, especially at night.

Run pumps, waterfalls, fountains 24/7 use air pumps and air defuses if there is no waterfall or fountain.

Circulation

The pump rating needs to be at least the same litres per hour as the pond volume e.g. 10,000 litre pond needs a 10,000 litre per hour pump or larger.

Pump intake needs to be at the opposite end of the pond to where water returns into the pond.

These are the 4 most important basics, there are many other things that can effect the balance in your pond, for more information see my Free Resources page at <http://aquaticlifestyles.co.nz/pond-design-info/> or contact me directly 027 4751336. info@aquaticlifestyles.co.nz

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