

The Bio-Remediation Barge

Key aspects of the design concept:

- Based on the Science of **Solar Aquatics**. Utilized in **Living Machine Technology** invented by biologist John Todd.
- Creates 3 Eco-Systems**, aerobic, non-aerobic, and constructed marsh, to progressively clean River water so that it is re-usable in multiple ways
- Capacity to clean** 50,000 --60,000 gallons per day
- Model built** by Industrial Designer Jay Baldwin
- Geodesic's based on **Pillow-Dome** technology invented by Jay Baldwin. **40'x 60' Barge** proposed
- Also can produce Aquaculture** to feed the City
- Floating Classroom** for local School and Universities
- Symbol of the Integration of Architecture** and Cognitive Living Systems.
- **website:** <http://www.ecodistrictphiladelphia.org/the-bio-remediation-barge/>

