Residential Pond Management

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Integrated Lakes Management
Detention Ponds
Small, shallow, nutrient rich, intended for storm water control, “flashy”
A pond may serve one or multiple functions
Up and Downstream Influences
Water + Sunlight + Nutrients = Algae
Balance
When things are out of balance…
1/4 to 1/3 of the pond’s bottom should have aquatic plants.
Management Options

• Reactive
• Restoration
• Proactive
Kill what you don’t want

✓ Aquatic herbicides
Take away the sunlight

Dyes

Lilies
Harvesting

- Loading
- Transport
- Disposal
Dredging: Removing the nutrient bank

- Loading
- Transport
- Disposal
Nutrient deactivation
Aeration
Biological / Bio-Islands
Enzymes and Bacteria
Case Studies
Sherman Park
Lincoln Park Lagoon
Kurtis Pond
Thank you!

Questions?