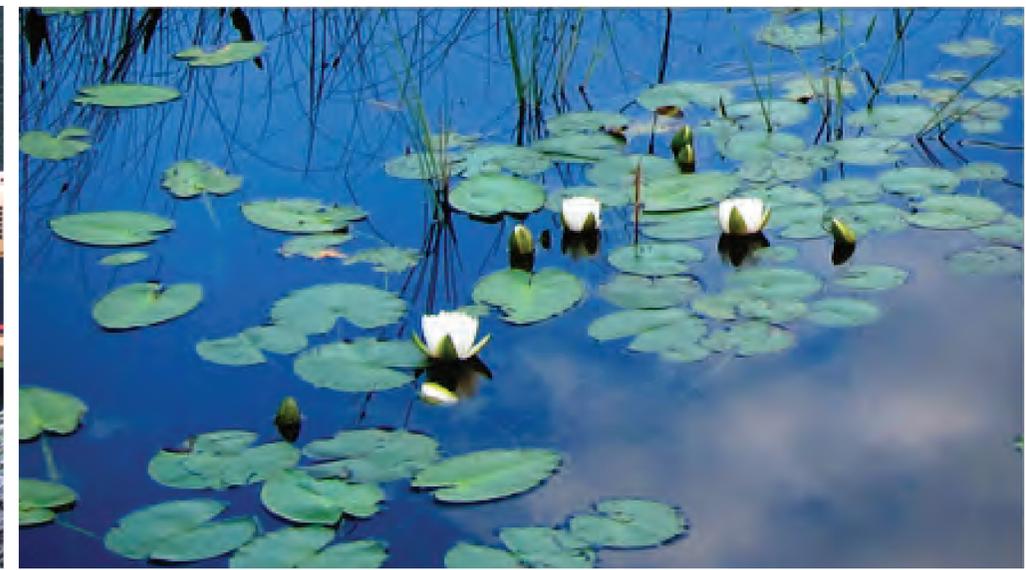


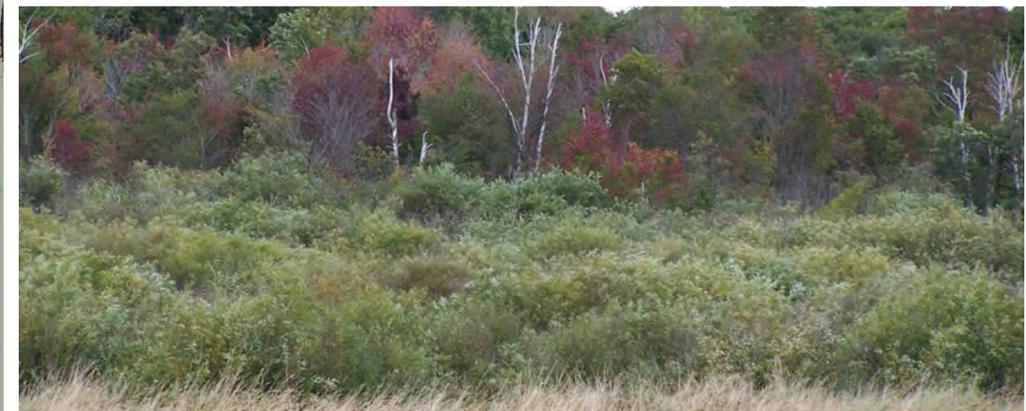
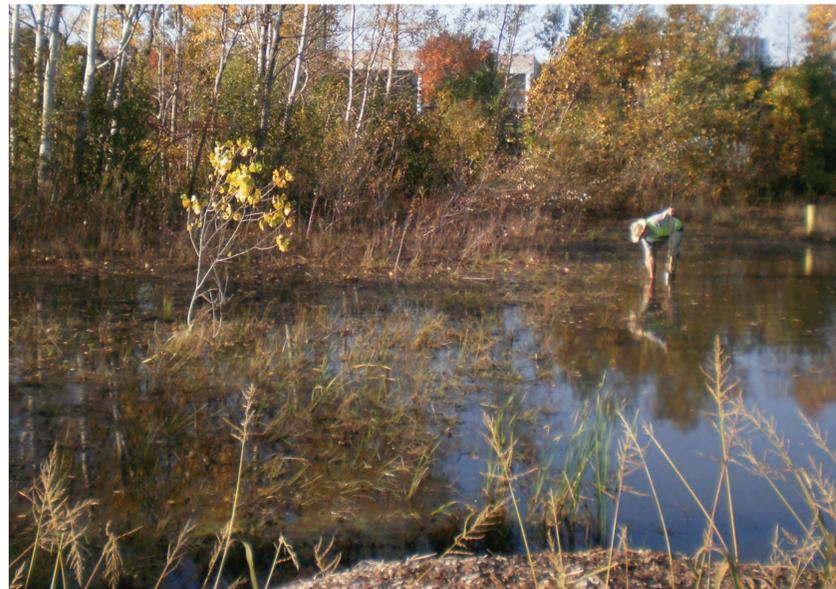
**Stormwater Management / Movement**  
 Water may flow through and exit the site in a number of ways depending on the program and topography of the final design.

**Options for Increasing Hydrology**  
 The sites capacity to clean and reuse stormwater exceeds the current amount of water landing on the site. A number of options exist for increasing the amount of water brought into the park to feed the interactive and cleansing properties within.



### Enhancement Options - Existing Wetland

Achieving significant open water may be accomplished by removal of soil layers above the site's shallow bedrock. Removing eutrophic soils and adding depth to current water levels will allow for more deep water vegetation and restriction of cattail growth.



### Wetland - Existing Conditions

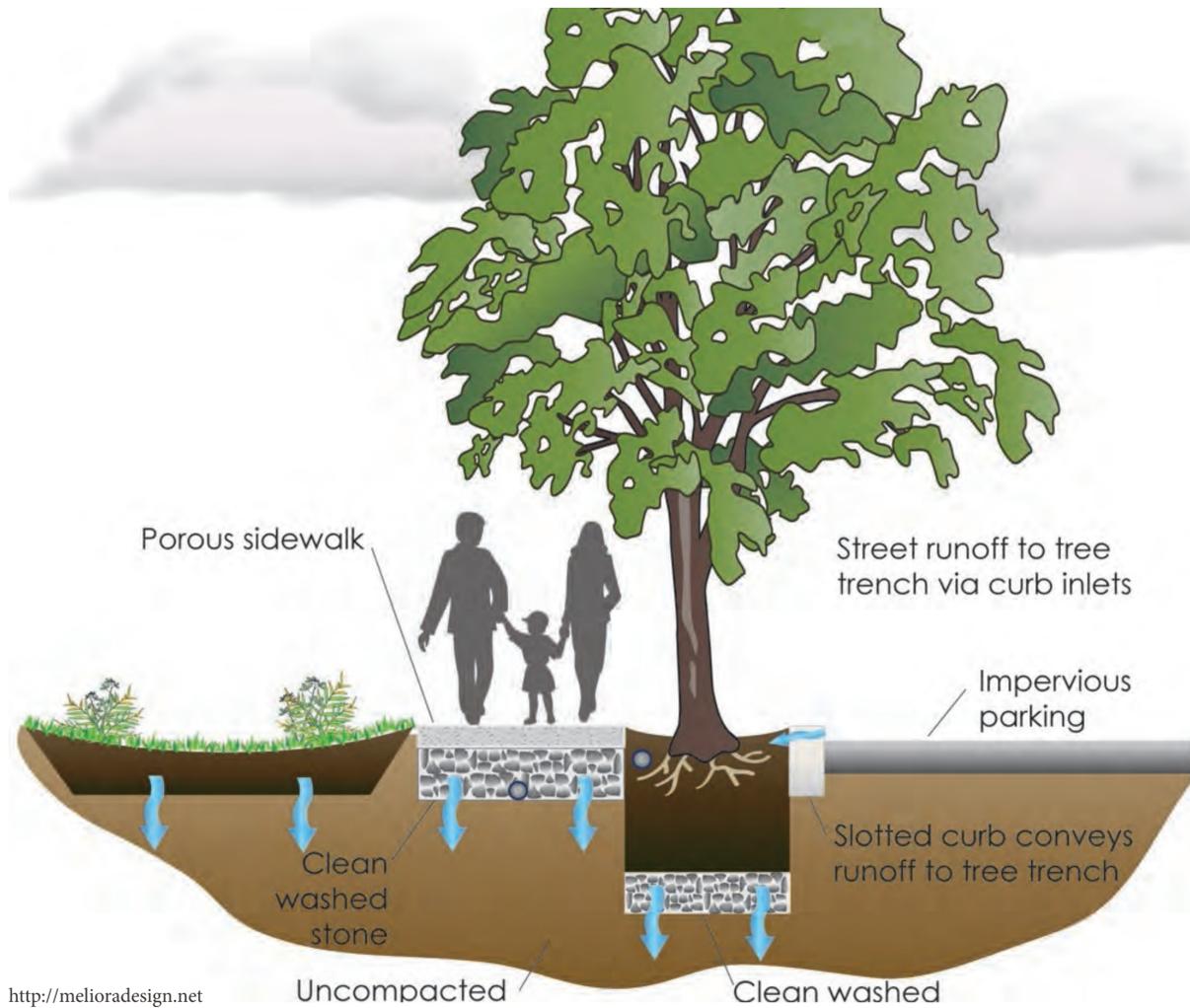
(Top) Map of Communities  
(Middle + Bottom) Images of Existing Wetland

### Enhancement Options - Wetland Mitigation

(Top): Wet Meadow  
(Bottom): Lowland Forest

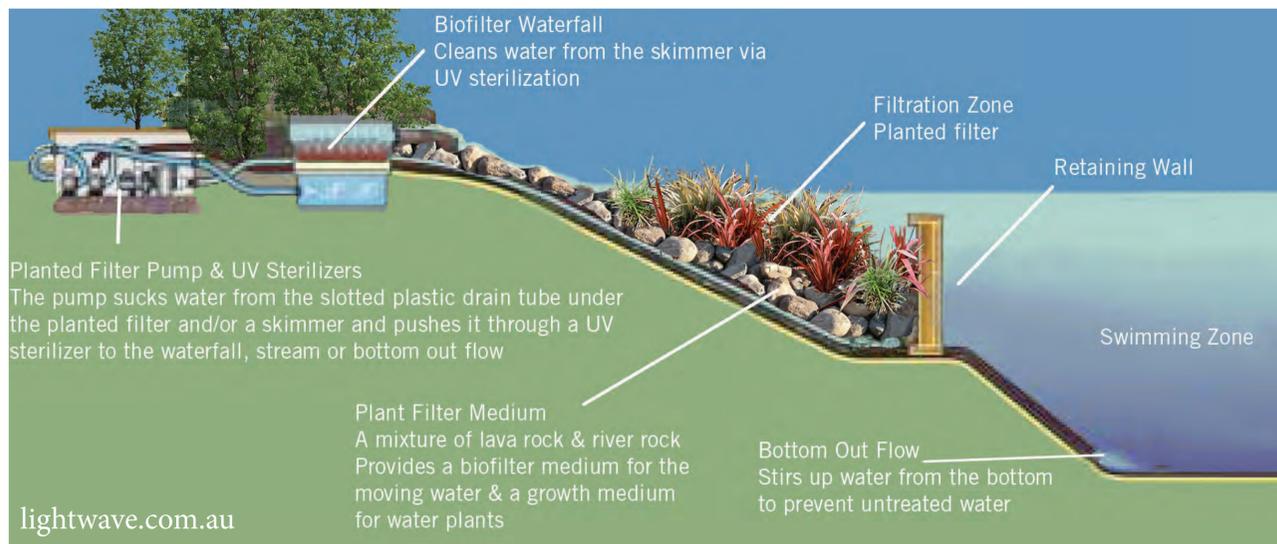
Mud Flats

(Top + Bottom): Shrub Swamp



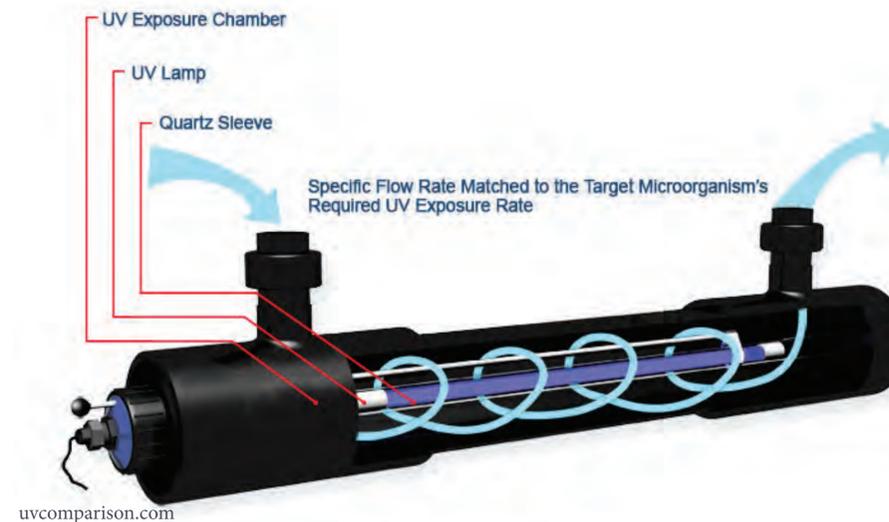
## Renewable Water Pumps

For pumping harvested rainwater to various features, numerous renewable technologies could become an iconic piece of the park infrastructure.



## Biological Filtration - Stage 2

Biological methods are used to remove impurities. Tree trenches provide additional space for water storage and natural wading pools afford a place to get your feet wet, while sustaining a high water quality without the use of harsh chlorine.



## UV Purification - Stage 3

Ultraviolet light is used as an integral part of the final polishing stage for water purification, allowing human contact by removing the possibility of waterborne parasites, bacteria, and viruses.

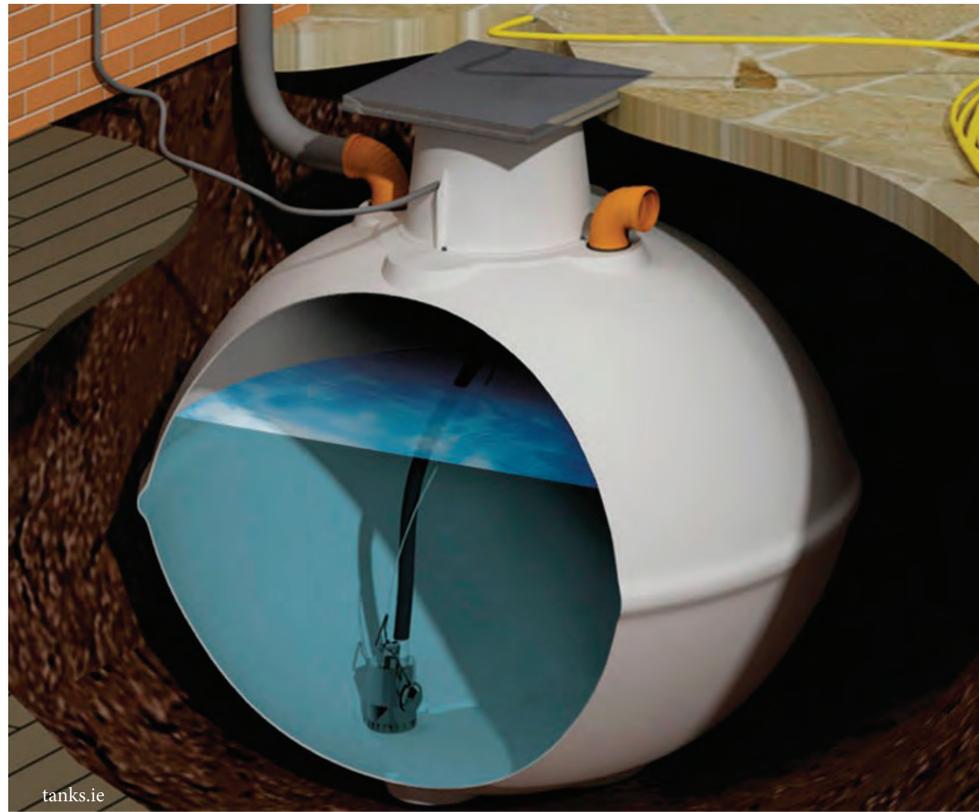
# Water Treatment and Movement



New Waterscapes



dreiseitl.de



tanks.ie



bluegreenbldg.org



mvvainc.com



hotchoz.com



kingcountyparks.wordpress.com

### Expressing Ephemerality

Artistic installations serve as ephemeral capture and release points exploring the natural beauty of water's sound, motion, and dynamism.

### Water Collection and Storage

Throughout the site, water is highlighted with novel collection and display systems. From parking lot rain gardens to picnic pavilion green roofs, stormwater is demystified by removing it from pipes and putting it into the spotlight. Collected water is stored both above and below ground for later use.

# Interactions, Play, & Public Art

Sheet 04  
Victoria Park  
19mar13  
Stakeholder Presentation





static.stuff.co.nz



wikimedia commons



SSRC / LARRY PIERCE steamboat.com



special-images.forbes.com



landezine.com



shortcuttobliss.com

## Celebrating Hydrology

A water plaza near the parking lot and visitor building provides opportunity to splash around on a hot summer day. The plaza offers recreational opportunities throughout all of Minnesota's seasons. Spaces are designed to create interesting ways to enjoy the out-of-doors, transitioning seamlessly from summer to winter.

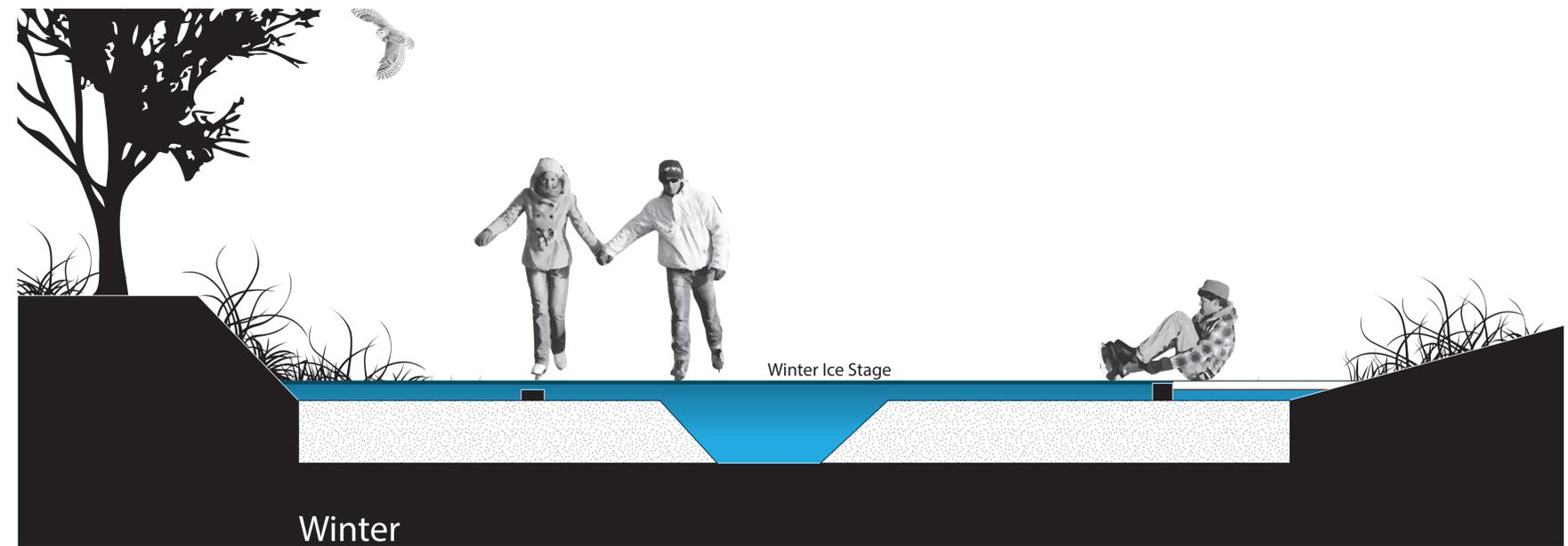
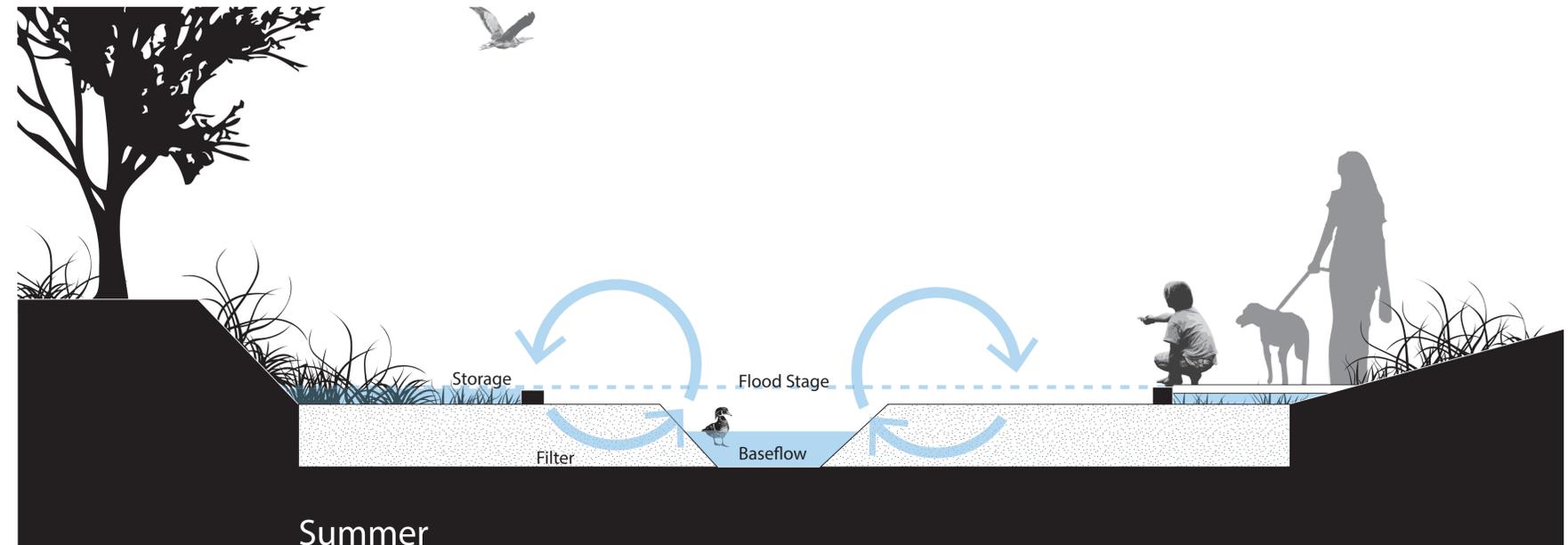
# Water Plaza

Sheet 05  
Victoria Park  
19mar13  
Stakeholder Presentation





- A recycling circuit of Continuously Moving Water is the backbone of the park
- The circuit has a Cleansing Wetland Bench which provides diverse passive-use spaces & habitats
- At the confluence a Natural Wading Area highlights bio-cleansing methods with interactive features



### Continuously Moving Water

The flowage, which is powered by alternative energy sources, supports unique recreation throughout the seasons. The constant moving water enhances the systems water quality treatment.

### Cleansing Wetland Bench

An engineered wetland bench cleanses flood waters through biological and sand filtration processes.

# Water Strategy Concept:

## WATER CYCLES

cycling water to provide opportunities for habitat, recreation, and admiration

Sheet 06  
Victoria Park  
19mar13  
Stakeholder Presentation

