

SWRCB Public Workshop on Receiving Water Limitations



Watershed Protection Division City of Los Angeles

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Value of EWMP

- Allows city to embrace green-blue strategy
- Consistent with City's WQCMP, IRP, & One Water
- Capture benefits, overcome challenges
- Comprehensive method to meet WQ
- Leverage resources and support
- Clear approach and guidance
- Certainty to meet objectives of the order
- Time for large scale projects

South Los Angeles Wetland Park

- 9-acre Metropolitan Transportation Authority (MTA) property transformed into wetland and riparian habitat
- 540-acre watershed area diverted and treated in a 4-acre stormwater treatment wetland
- Capture and manage runoff from 40 acres of tributary area
- Multi-beneficial use
 - Educational opportunities
 - Wildlife viewing
 - Historical railway elements
 - Community multi-use center
 - Historical building reutilization



Before

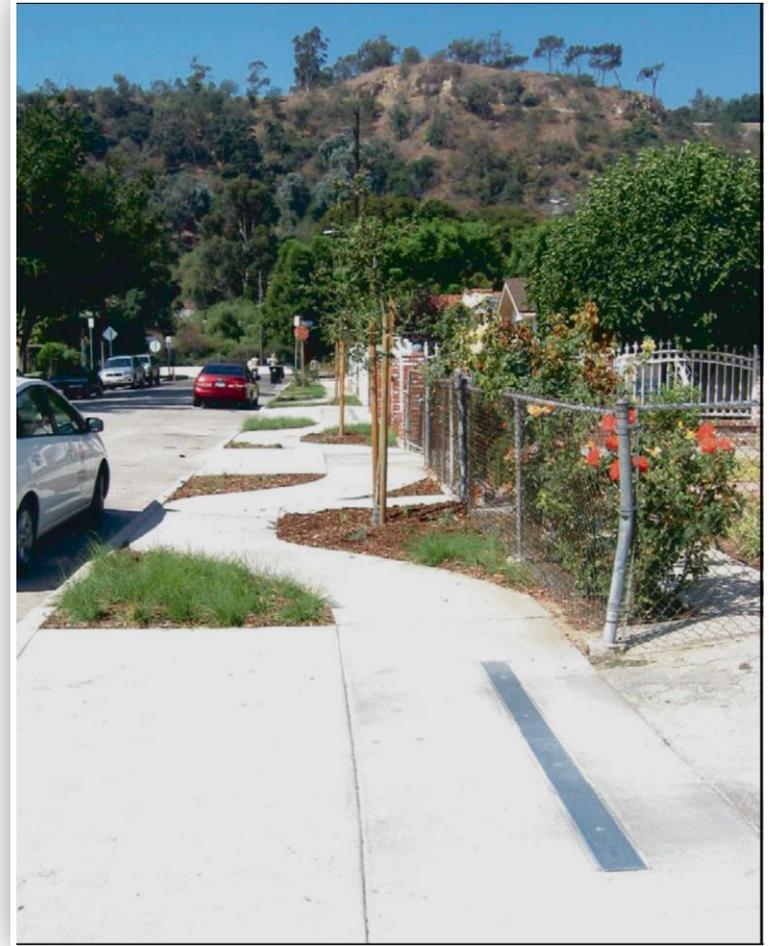


South LA Wetlands Park

Oros Green Street



Before



After

**Stormwater
Garden &
Infiltration**



Elmer Avenue Green Street Project

- Installation of:
 - Rain barrels
 - Rain garden bioswales
 - Porous pavements
 - Infiltration galleries under the street
- Fully infiltrates 40-acre drainage area of a 2-yr storm event
- 16 ac-ft groundwater recharge annually



Before



After



Riverdale Green Street

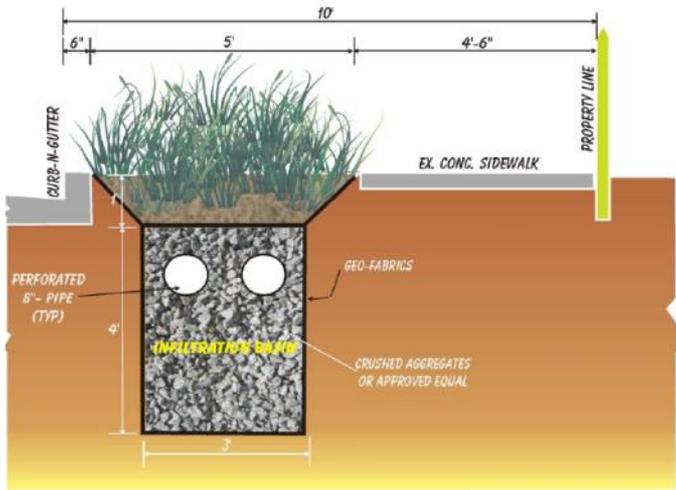


Figure 5 Profile of the Proposed Infiltration Basin



- Planters
- Porous pavement
- Infiltration gallery along parkway / sidewalk

Rainwater Harvesting



Infiltration



Planter Boxes



*Capture & Use
with Rain Barrel*



Cisterns



*Driveway with grass to
increase permeability*



Rain Gardens



Green Infrastructure

- Regional Projects



Machado Lake Ecosystem Rehabilitation Project



Los Angeles Zoo Parking Lot - Vegetated bio-swale & Permeable pavers



Echo Park Lake Rehabilitation



Sun Valley Park Project - Infiltration galleries



Green Alley / Green Streets Program



Green Infrastructure



Imperial Highway Median Greening

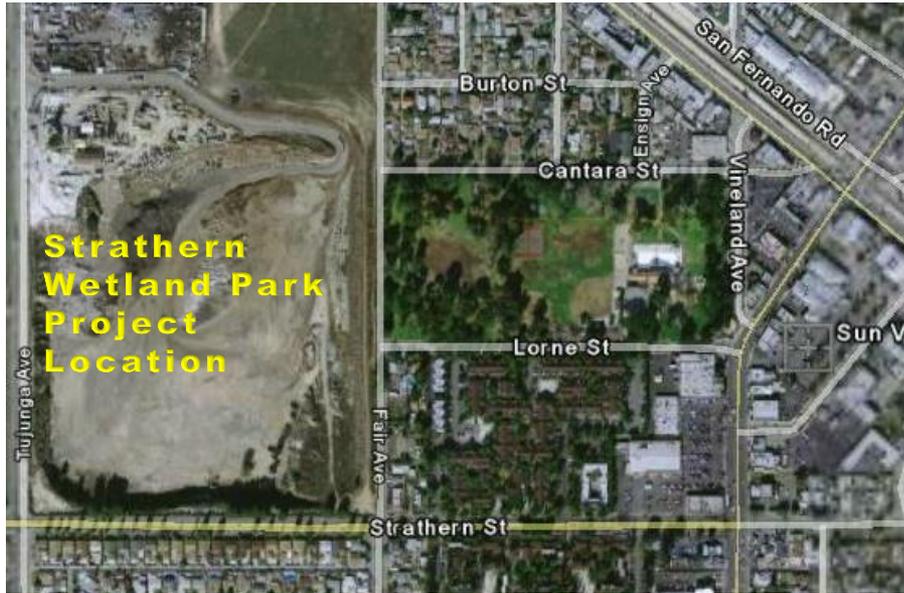


Grand Ave Tree Wells



Riverdale Green Street – Vegetated Stormwater Curb Extension (VSCE)

Future Green Projects



- Conversion of 40 acres of gravel pit into rainwater wetland park
- Capture runoff from 1,000 acres
- Infiltrate under ground after treatment through natural wetland.



Future Green Projects



Humboldt Neighborhood Greenway



Humboldt Neighborhood Greenway



Enhanced Watershed Management Plans

**Clean
with
Green**



Thank you