2012 Winter Conference

A Watershed Moment in the Making

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Martin Luther King Blvd: 2008
Shifting to Integrated Management

LOS ANGELES TODAY

Dis-integrated approach wastes resources, duplicates efforts and imposes unsustainable practices.

odos TODAY

Current approach causes multiple problems

- TOO MUCH WASTE WATER
  - Stormwater Pollution: Mitigation Measures
- TOO MUCH GREEN WASTE
  - Sanitation: Trucking Green Waste
- TOO MUCH ENERGY DEMAND
  - Air Quality & CO₂ Mitigation: Conservation Measures
- TOO LITTLE WATER
  - Water Supply: Finding New Sources of Water
- TOO FEW JOBS
  - Economy: Create & Support Eco-technologies
- Flood Control: Retrofitting L.A. River

LOS ANGELES POTENTIAL

An integrated approach creates multiple solutions

- Sanitation Mulching
- New Water Source
- Watershed Management
- Air Quality & CO₂ Mitigation
- Tree Planting

Integrates approach also creates jobs and liberates funds for emerging green technologies.
Barriers

- Need full time integrated planning, construction, operations
- Need integrated funding for capital, maintenance & operations
- Regulatory issues re: timelines & shared authority
- Partner/hosts need liability protection
- Federal->State->Local program integration
Water Use Efficiency Integration
Multi Purpose Cost-Benefit Tool

Selecting by Block Groups

- Strategic Tree Planting
- Other Tree Planting
- Tree Maintenance
- Mulching
- Pavement Removal
- Cisterns
- Dry Wells
- Graywater Systems

- Single-Family Residential
- Multi-Family Residential
- Commercial
- Industrial
- Public

Benefits ($millions)
- Air Quality: 75.4
- Energy: 2.7
- H2O Demand: 172.7
- Flood Control: 80.4
- Greenwaste: 44.2
- Other: 47.5

Avg. Jobs: 370

Costs ($millions)
- Irrig. trees: 11.2
- Other trees: 11.4
- Tree maint: 13.4
- Mulching: 25.7
- Pave Remov: 5.4
- Cisterns: 2.7
- Drywells: 11.5
- Graywater: 24.1