

Date: 6/3/15

6/3/2015

Submitted in EBE Committee

Council File No: 15-0605

Item No.: 4

Deputy: Adam R. Lid

City of Los Angeles Compliance
with Stormwater Permit:
Enhanced Watershed
Management Programs

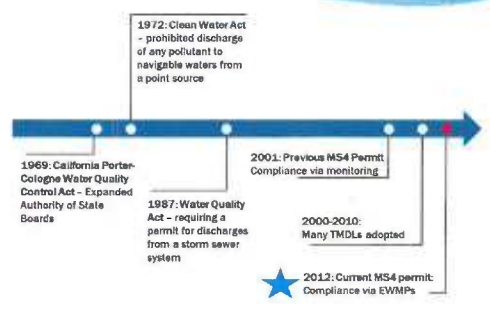


June 3, 2015

LASAN's request

- Authorize LASAN to submit the EWMPs to Regional Water Board by June 28, 2015
- Adopt the mitigation measures in the Program EIR and adopt the CEQA Addendum to the Program EIR
- Authorize LASAN to execute cost-sharing agreements with three cities joining the City's EWMP groups

MS4 Permit: driver of the EWMPs



1969: California Porter-Cologne Water Quality Control Act - Expanded Authority of State Boards

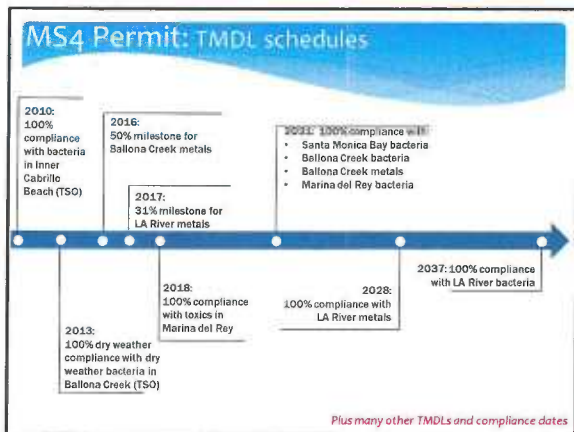
1972: Clean Water Act - prohibited discharge of any pollutant to navigable waters from a point source

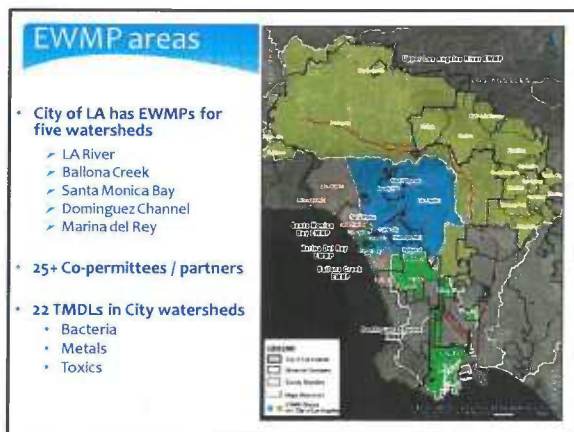
1987: Water Quality Act - requiring a permit for discharges from a storm sewer system

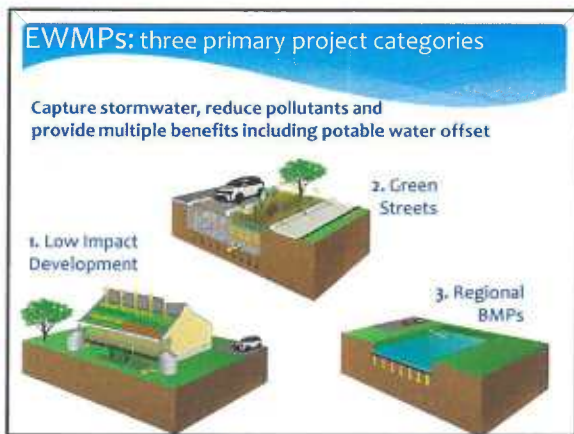
2000-2010: Many TMDLs adopted

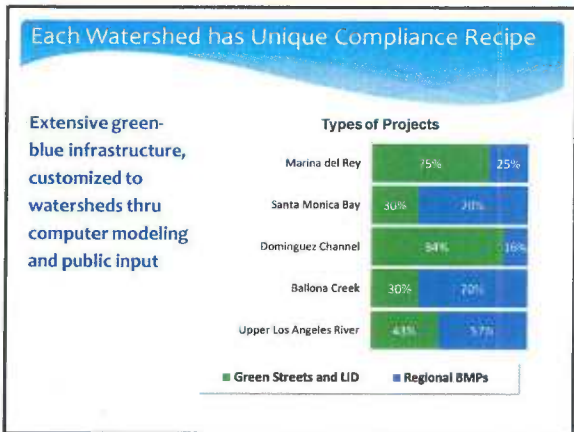
2001: Previous MS4 Permit Compliance via monitoring

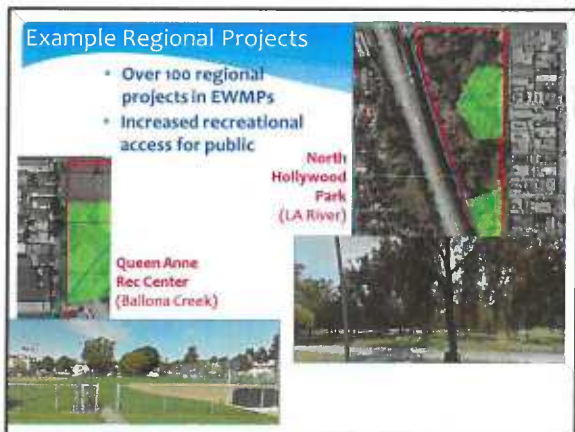
2012: Current MS4 permit: Compliance via EWMPs













Linkage to Mayor's Sustainability Plan (Drought relief)

- Important component of Sustainability Plan
- EWMPs promote sustainable drinking water supply by capturing large volumes of stormwater each year

Source	Volume (ac-ft)	Percentage
Upper LA River	35,000	28%
Balboa Creek	20,000	22%
Dominguez Channel	16,000	18%
Santa Monica Bay	3,000	3%

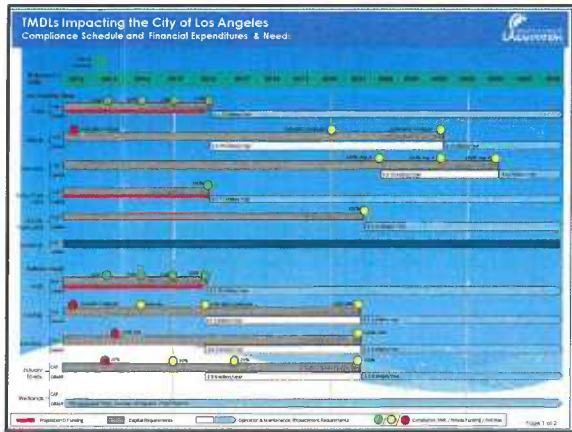
- 60% of Mayor's goal of 150,000 acre-feet
- Water used by 600,000 people per year

Community Benefits

- Green-blue infrastructure will make our communities cleaner, more beautiful and safer
- Improved Environment, increased Equity, and benefits to Economy
- EWMPs will benefit the entire City
 - Green Streets
 - Regional projects

Economic benefits

- **The Multiplier Effect in LA:**
For every \$1 Million in Water Quality investments, there is up to \$22 Million in added benefits or avoided costs.





Compliance Costs for Los Angeles

- Projections for capital cost of structural projects
- Cost estimates in today's dollars
- Milestones in 2017

Watershed	Final Compliance	Total Capital for Watershed (\$ millions)	City share of Total Capital (\$ millions)	City need thru 2017 (\$ million)
Santa Monica Bay	2021	600	450 (75%)	205
Dominguez Channel	2032	2,000	1,060 (53%)	215
Ballona Creek	2021	2,500	2,075 (83%)	650
Upper LA River	2037	6,000	3,540 (59%)	105
Marina del Rey	2021	400	276 (69%)	205

Minimum funding level: \$70-100M per year with debt financing

Risk of Non-compliance

- **Subject to Enforcement Actions from State and EPA**
 - Civil penalties of \$37,500 per pollutant per day (192 Pollutants)
 - Criminal penalties up to imprisonment
- **Exposure to third party lawsuits**
- **Consent decrees**

Time Schedule Order

STATE OF CALIFORNIA
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

TIME SCHEDULE ORDER NO. 04-0915-233X

REQUIRING THE CITY OF LOS ANGELES, THE COUNTY OF LOS ANGELES, THE LOS ANGELES COUNTY FLOOD CONTROL DISTRICT, THE CITY OF BEVERLY HILLS, THE CITY OF CULVER CITY, THE CITY OF INGLEWOOD AND THE CITY OF WEST HOLLYWOOD TO COMPLY WITH REQUIREMENTS PRESCRIBED IN ORDER NO. 04-0915-233X (WQCB PERMIT NO. CAG004891)

The California Regional Water Quality Control Board, Los Angeles Region (Los Angeles Water Board) finds

1. On November 2, 2012, the Los Angeles Water Board adopted waste discharge requirements and a National Pollutant Discharge Elimination System (NPDES) Permit (Order No. 04-0915-233X) for municipal separate storm sewer system (MS4) discharges

Environmental Review of EWMPs

- **Program EIR (LA County)**
 - Prepared for all EWMPs within County
 - Draft document: January 21, 2015
 - Public review: ended March 16, 2015
 - County certification: May 26, 2015
- **City CEQA Addendum to Program EIR**
 - Prepared for five EWMPs covering the City
 - More detailed review of regional projects
 - Confirms findings of Program EIR

Next Steps

- **Approval for EWMP submittal by City Council**
- **Submittal to Regional Water Board by June 28, 2015**
- **Upon EWMP submittal**
 - Develop and implement funding strategies
 - Coordinate green-blue infrastructure implementation with Council Districts, City departments, environmental community, and other municipalities
