

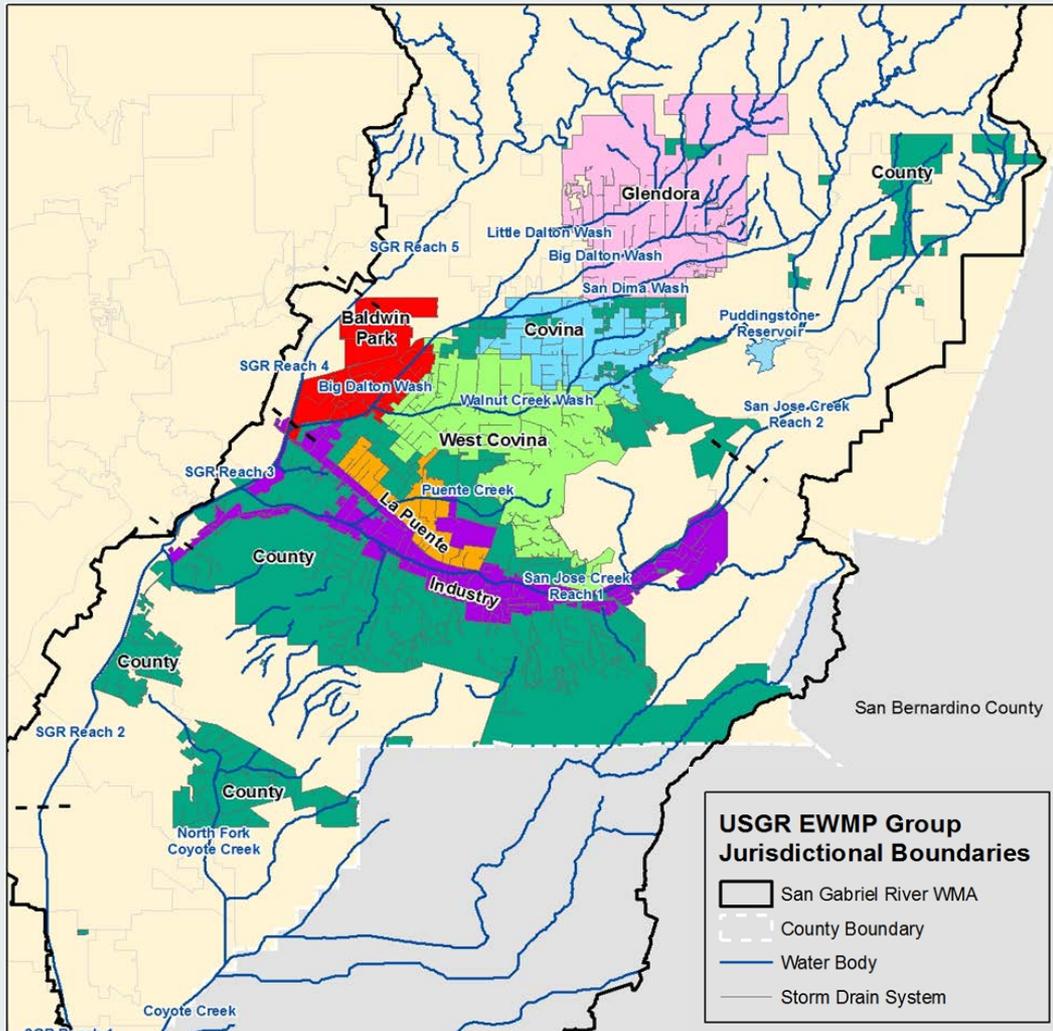
ENHANCED WATERSHED MANAGEMENT PROGRAM

FOR THE
UPPER SAN GABRIEL RIVER GROUP

CITIES OF BALDWIN PARK, COVINA, GLENDORA,
INDUSTRY, LA PUENTE, WEST COVINA,
COUNTY OF LOS ANGELES, AND LOS ANGELES COUNTY
FLOOD CONTROL DISTRICT

**JULY 9
2015**

UPPER SAN GABRIEL RIVER GROUP



WATER QUALITY PRIORITIES

Governing Pollutants – Zinc and Bacteria

Highest
(1)

- **Total Maximum Daily Loads**
 - Zinc – San Gabriel River Metals TMDL
 - Nutrients & Legacy Pollutants – Puddingstone Reservoir (LA Area Lakes TMDL)

High(2)

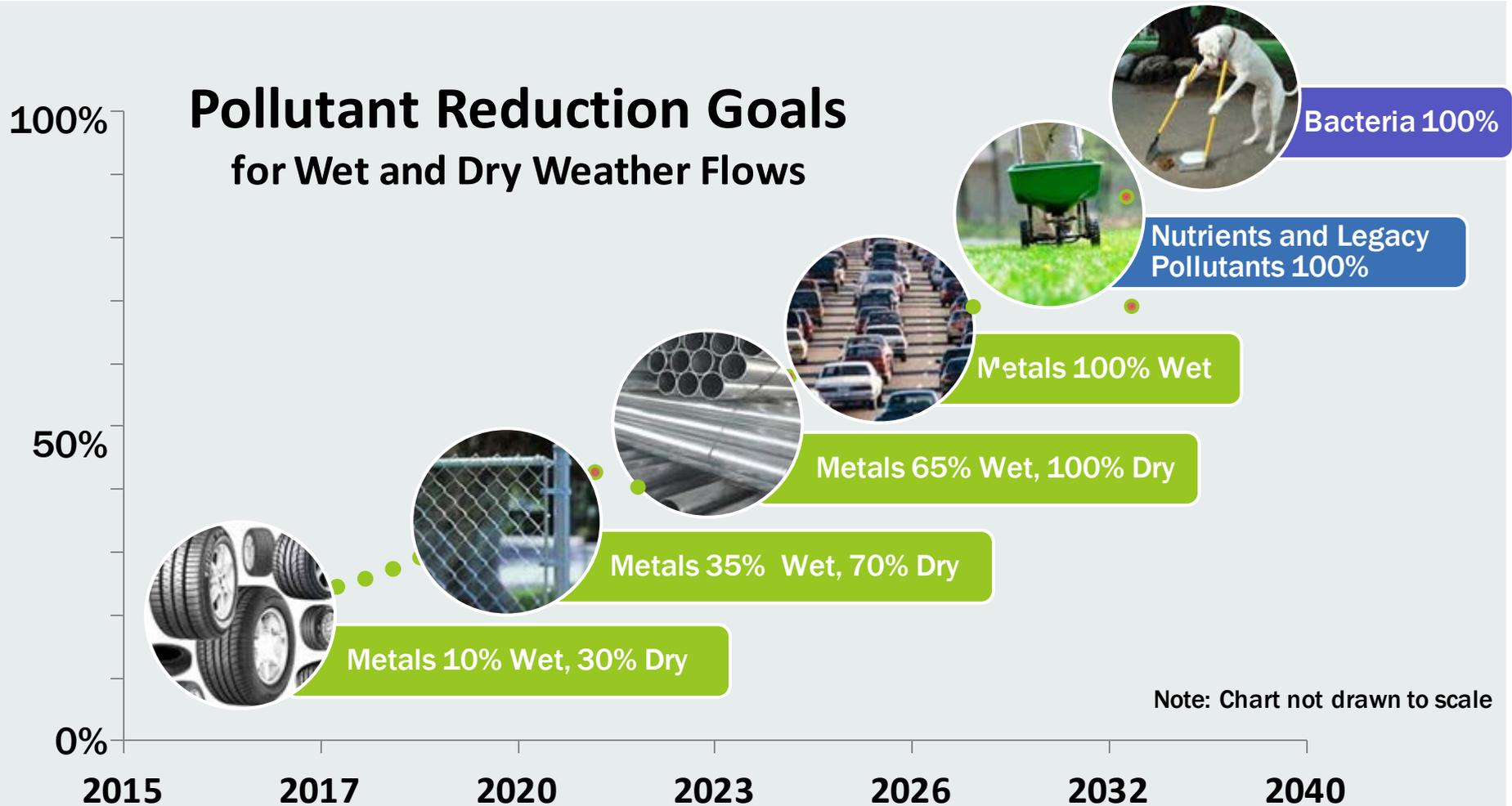
- **Impaired on 303(d) list**
 - Bacteria (San Gabriel River Bacteria TMDL)

Medium
(3)

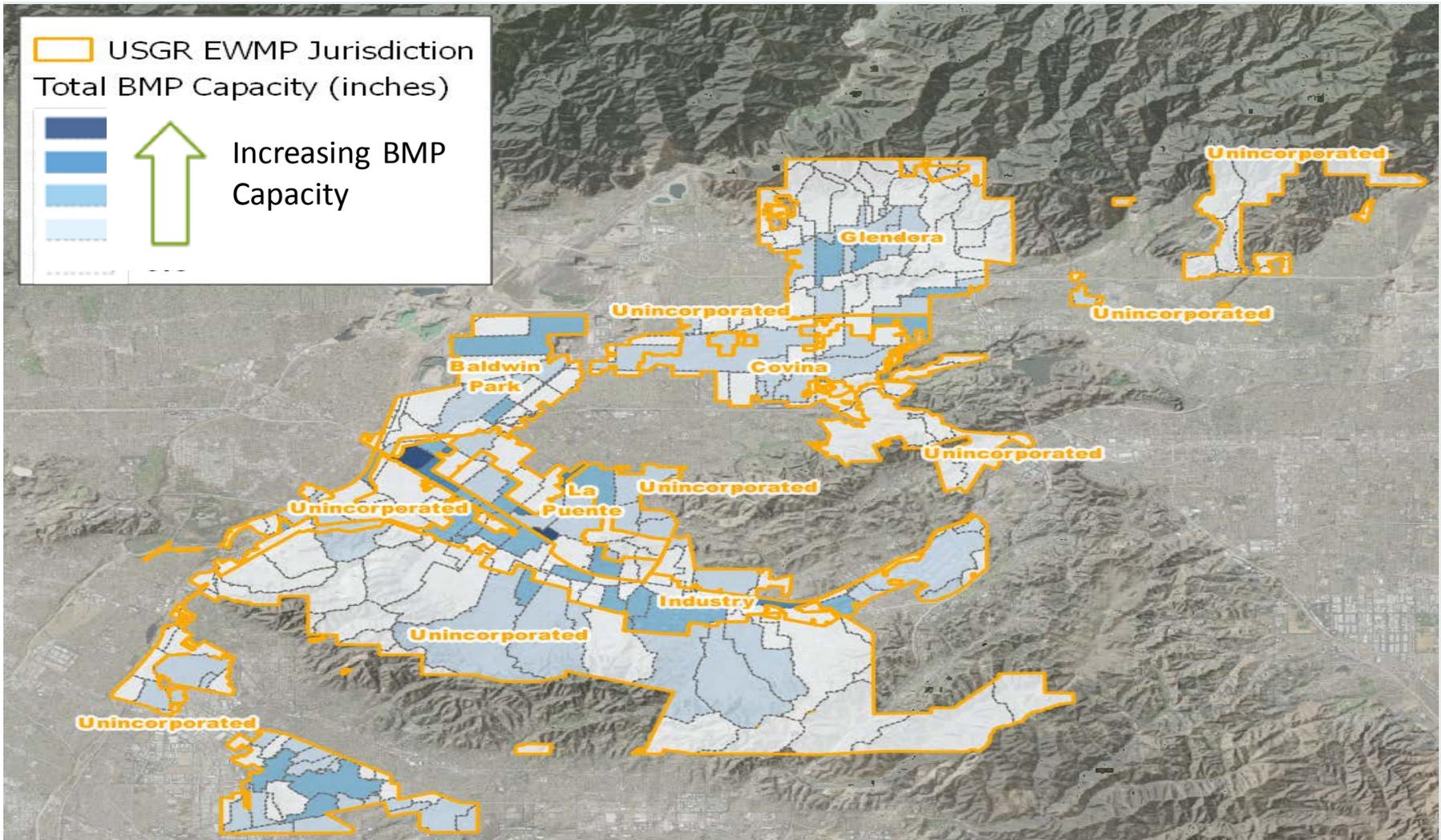
- **Exceedances found during EWMP data analysis**
 - Salts, other metals, and pollutants without exceedances in last 5 years

IMPLEMENTATION SCHEDULE

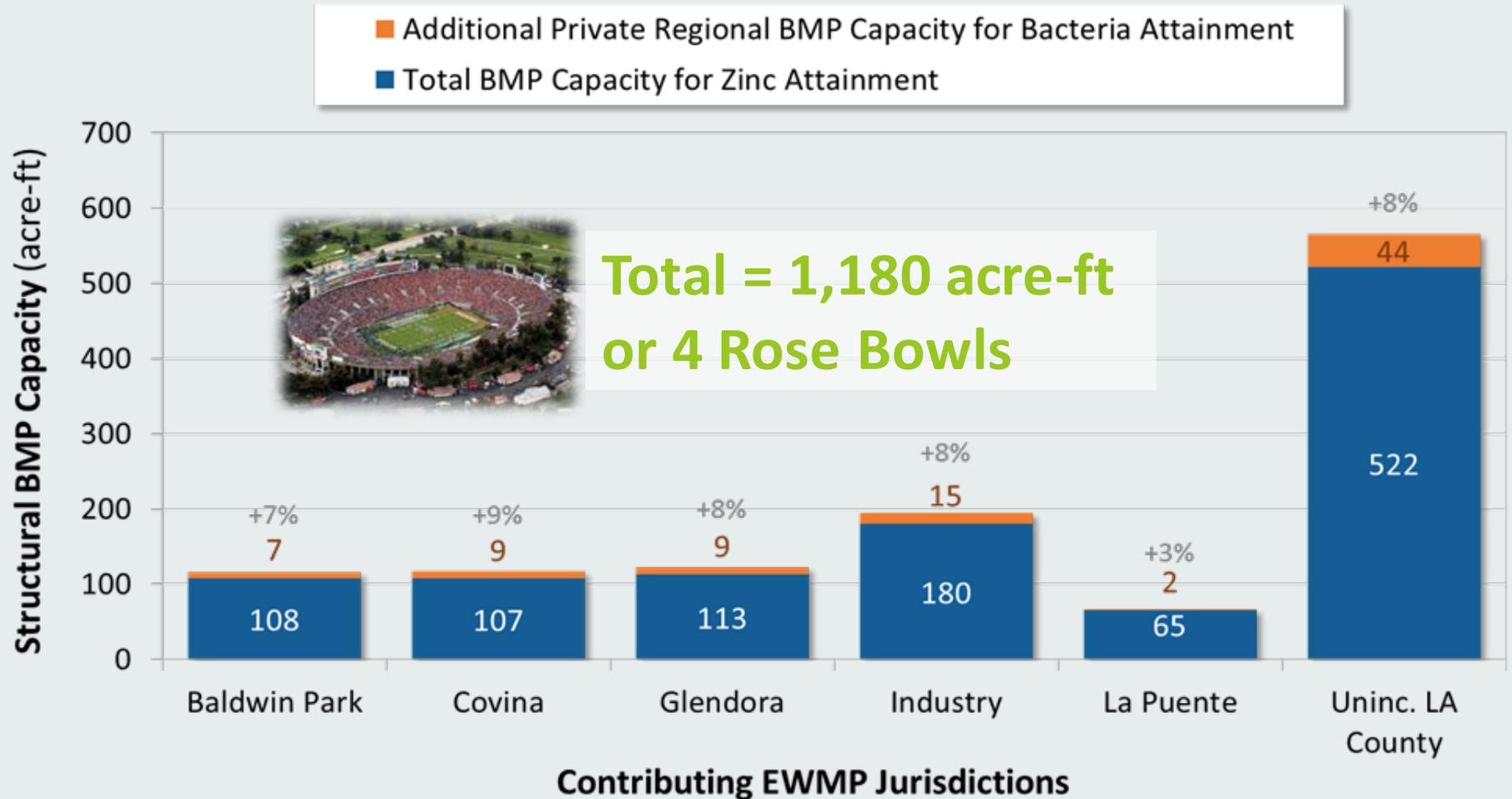
Pollutant Reduction Goals for Wet and Dry Weather Flows



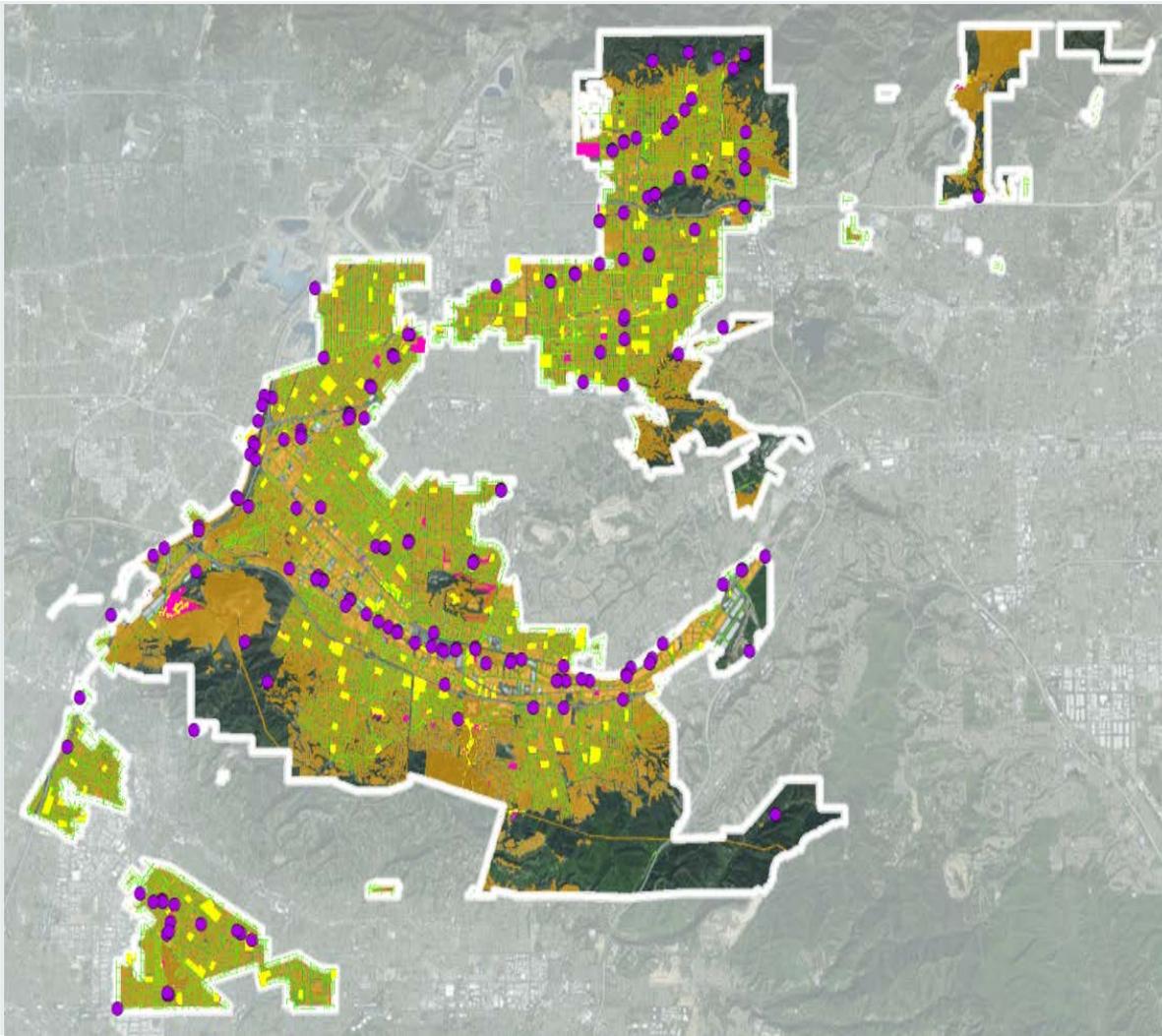
BMP CAPACITY MAP (SUBWATERSHED-LEVEL DETAIL)



BMP CAPACITY SUMMARY



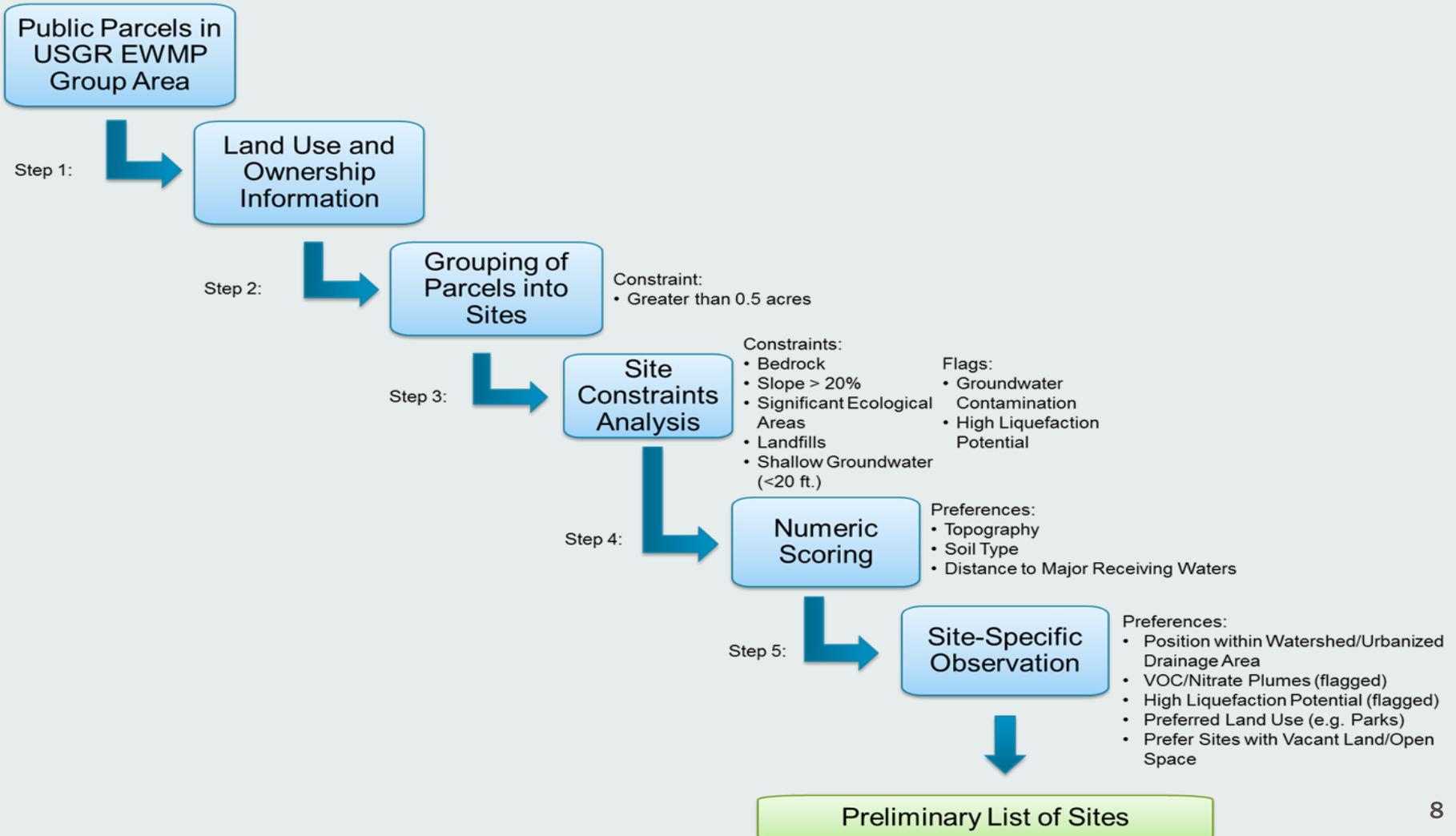
POLLUTANT REDUCTION STRATEGIES



- MCMs & Enhanced MCMs
- LID Incentive Programs – 3%
- Redevelopment/
Residential LID – 2%
- LID on Public Parcels – 8%
- Regional Projects – 36%
- Green Streets – 22%
- Projects on Currently
Unavailable Parcels* – 28%

*Locations shown are
for illustration
purpose only

IDENTIFYING REGIONAL PROJECTS



USGR EXAMPLE REGIONAL PROJECTS



KAHLER RUSSELL PARK

Jurisdiction/Owner Covina

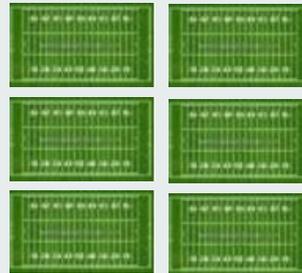
Site Area	17 acres
Drainage Area	1,040 acres
Jurisdictions in Drainage Area	County (44%) Covina (41%) Glendora (15%)
Design Volume	36.6 ac-ft

Project Cost

Planning & Design	\$4,963,000
Construction	\$14,178,000
Contingency	\$3,545,000
Total Project	\$22,686,000



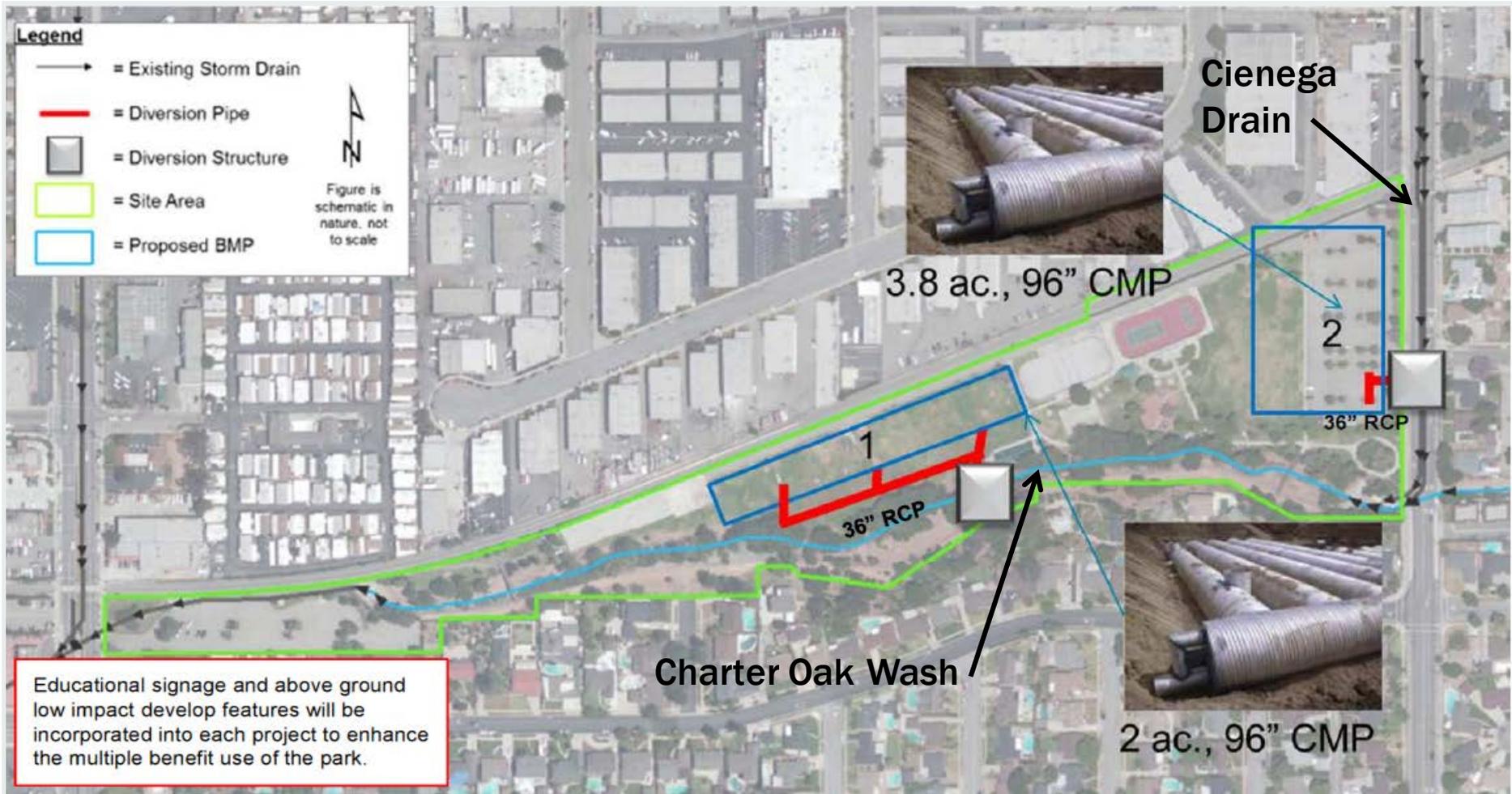
BMP Volume Equivalent



6 Football Fields
Covered With 5 Feet
of Water



KAHLER RUSSELL PARK



EARLY ACTION PROJECT

Avocado Heights Multi-Use Trail Project

- BMP Volume of 5 ac-ft
- Annual groundwater recharge of up to 70 ac-ft
- Total cost about \$4M
- Completed in Sept 2014



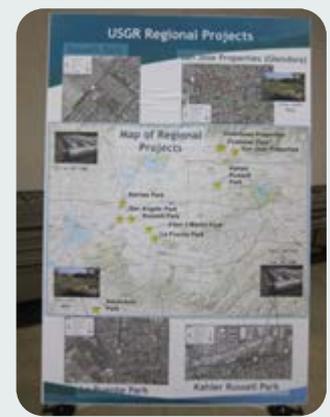
STAKEHOLDER OUTREACH

- May 5, 2014

Informed stakeholders of EWMP process and invite inputs

- March 9, 2015

Updated stakeholders on EWMP progress



ELECTED OFFICIAL SUPPORT

Agency	Board/Council Approval Date
Baldwin Park	Jul 15, 2015
Covina	Jun 16, 2015
Glendora	Jun 23, 2015
Industry	Jun 25, 2015
La Puente	Jun 23, 2015
West Covina	Jun 16, 2015*
County of Los Angeles	May 26, 2015
Los Angeles County Flood Control District	May 26, 2015

* Authorization to Join EWMP Group

FINANCIAL STRATEGY

- Already spent or committed:
 - EWMP and CIMP Development: \$1.5 Million
 - CIMP Implementation FY 14-19: \$5.4 Million
 - More than two years of staff time
- Grants - Prop 1B, Prop 84 IRWMP
- Private/Public Partnerships
- Fees and Charges
- Water Bond
- Legislative and Policy - LACSD 2015 Legislative Proposal, AB 2403, SB 346, SB 628

THANK YOU

