

Regional Urban Runoff Diversion Optimization Study

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Engineering
Manager

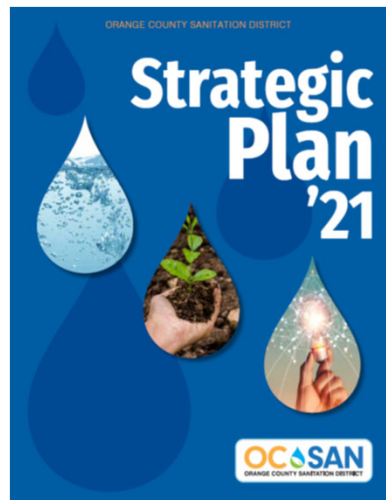
Operations
Committee

December 1, 2021



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Environmental Water Quality, Stormwater Management, and Urban Runoff Policy



Initiatives to support Policy Goal:

- Urban Runoff
- GWRS

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Why Divert Urban Runoff?

Huntington Beach

Newport Beach

Google Earth

- Bacteria
- Selenium

Google Data ©SUNMI/SFM/CA OPC Data USGS Landfall / Conemious

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Urban Runoff Program at a Glance

ANAHEIM BAY - HUNTINGTON HARBOUR WATERSHED

GARDEN GROVE

WESTMINSTER

FOUNTAIN VALLEY

SANTA ANA RIVER WATERSHED

HUNTINGTON BEACH

SANTA ANA

TUSTIN

IRVINE

NEWPORT BAY WATERSHED

COSTA MESA

NEWPORT BEACH

NEWPORT COASTAL WATERSHED

Urban Runoff Diversions

- no longer permitted
- pending - not yet permitted
- permitted

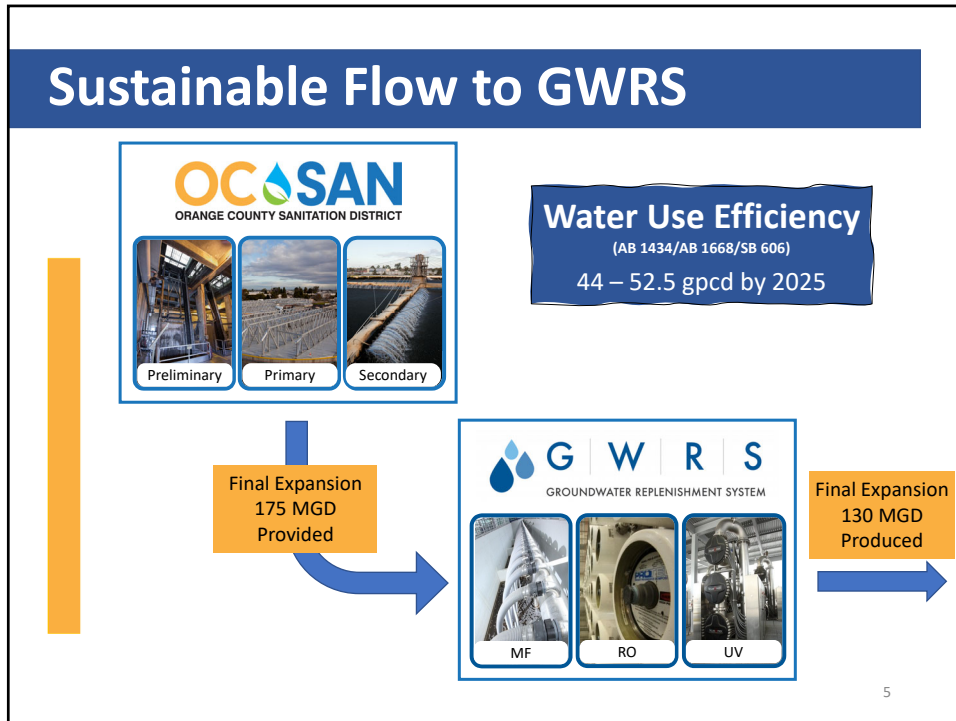
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MGD Cap

6
MGD Subscribed

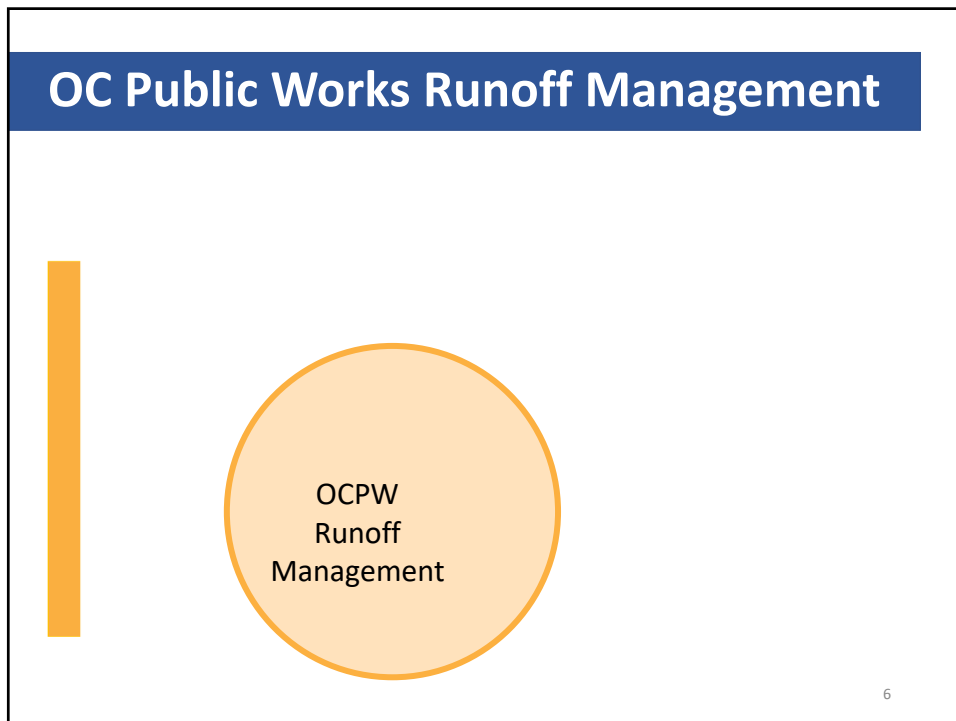
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MGD Average Flow

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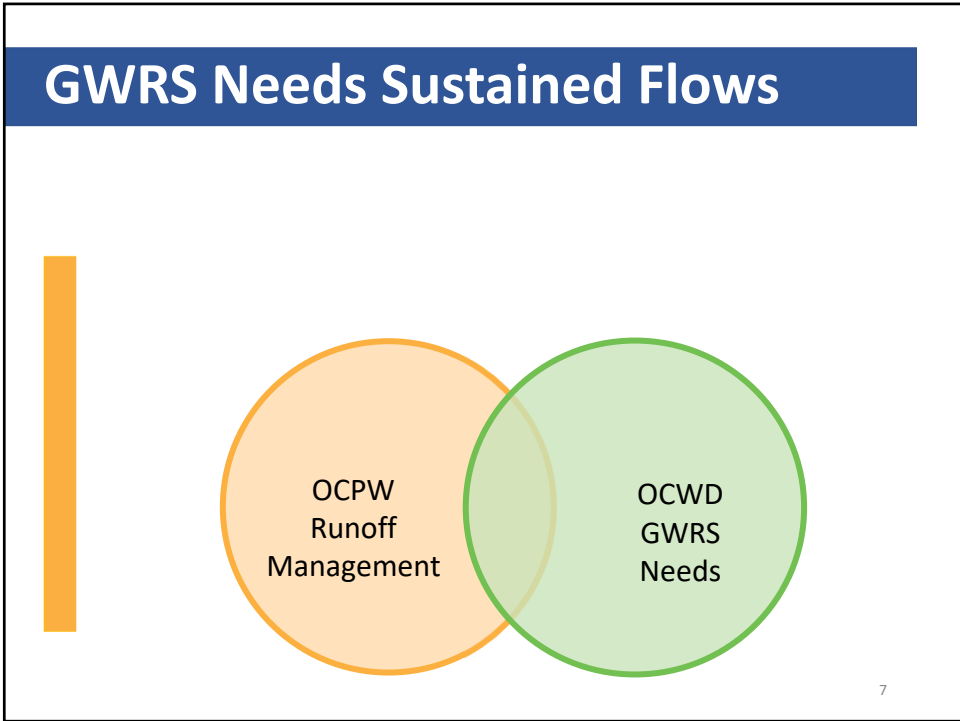
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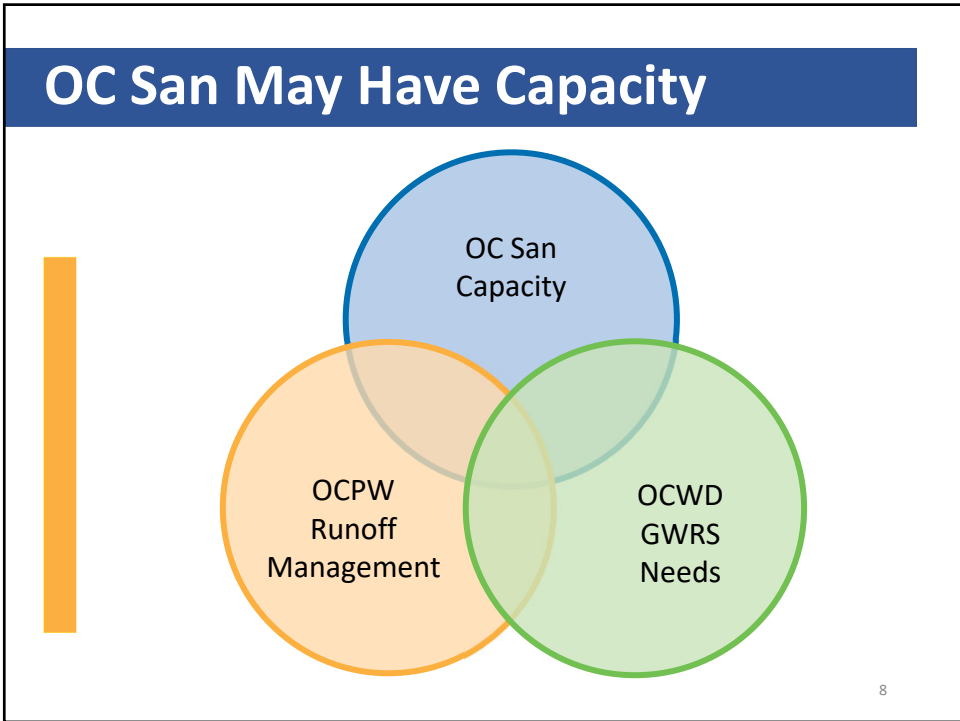
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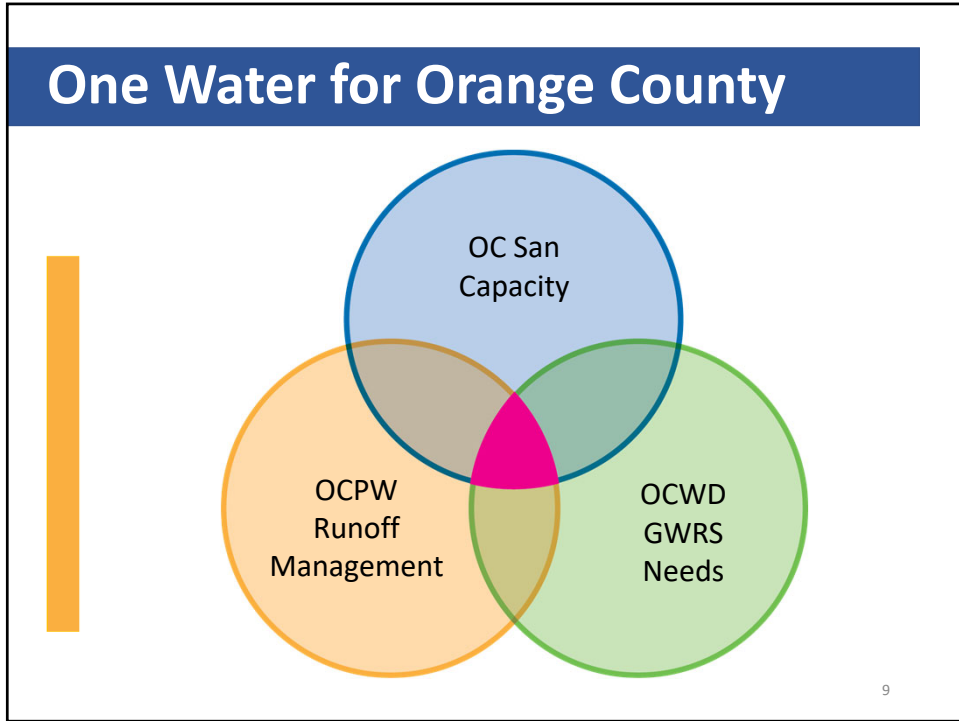
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Regional Urban Runoff Diversion Optimization Study

OC SAN
ORANGE COUNTY SANITATION DISTRICT

+

ORANGE COUNTY
WATER DISTRICT
SINCE 1933

+


OC Public Works

OBJECTIVES

- Identify feasible opportunities for dry and wet weather urban runoff diversions to OC San and OCWD
- Improve Water Quality
- Optimize Water Recycling
- Optimize existing capacity of OC San and OCWD infrastructure

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Questions



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