Background of the Central and West Coast Basins

>400 Active Production Wells
Pumping ~250,000 acre-feet per year

Area ~ 420 square miles

>400 Active Production Wells
Pumping ~250,000 acre-feet per year
Groundwater Recharge in the Central & West Coast Basins

Surface Recharge

Coastal Injection

Central Basin

West Basin

BASIN

DOMINGUEZ GAP BARRIER PROJECT

ALAMITOS GAP BARRIER PROJECT

WEST COAST BARRIER PROJECT
State Water Resources Control Board (SWRCB) established Recycled Water Policy on May 14, 2009

- **Purpose:** “...to establish uniform requirements for recycled water use and to develop sustainable water supplies throughout the State”

- Requires Salt/Nutrient Management Plans (SNMPs) for all groundwater basins by May 14, 2014

- Stakeholders prepare the SNMPs

- RWQCBs approve the SNMPs
Formation of Stakeholder Groups

In July 2009, held first stakeholders meeting to establish stakeholder groups:

1. **Core Group:** Agencies that are directly involved with groundwater recharge

2. **Working Group:** Agencies/entities that could be affected by the Salt/Nutrient Management Plan, including wastewater agencies, water supply agencies, environmental groups, etc.

3. **Interested Parties:** Others interested in the Salt/Nutrient Management Plan
Current Stakeholders

CORE GROUP
- WRD
- CSDLAC
- LACDPW
- MWD
- LADWP
- Others?

WORKING GROUP
- Includes Core Group
- WBMWD
- CBMWD
- Heal the Bay
- Council for Watershed Health
- LABOS
- Others?
- City of Compton
- City of Long Beach
- City of Torrance
- WBWA
- CBWA
- DWR

INTERESTED PARTIES
- To be determined

REGULATORY AGENCY
- RWQCB – Los Angeles
Efforts to Date

- **2009 – 2010**: CWCB Stakeholders attended numerous industry, municipal, and regulatory agency conferences/workshops to obtain further regulatory agency guidance on preparing the SNMP

- **August 2010**: Prepared a draft Workplan Outline of the SNMP that incorporated the SWRCB Suggested Elements and information/ideas recommended by the Core Group of stakeholders

- **March 2011**: WRD and Los Angeles County Department of Public Works retained Tracy Egoscue (former Executive Officer of the LARWQCB) of Paul, Hastings, Janofsky & Walker as our consultant
Efforts to Date (continued)

- **May 2011**: Began bimonthly stakeholder group meetings to develop the SNMP

- **August 2011**: Submitted Draft Workplan of the SNMP to LARWQCB for review and comment.

- **September 2011**: Received comments from LARWQCB on the Draft Workplan of the SNMP
Final Revised Workplan of SNMP

- **October 2011**: Submitted Final Revised Workplan of the SNMP to LARWQCB for approval

- **November 2011**: Expected to receive approval letter from LARWQCB on the Final Revised Workplan of the SNMP
Final Revised Workplan of SNMP

- Workplan contains all Sections referenced in the SWRCB “Suggested Elements”

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**I. BACKGROUND**
- Purpose
  - Protection of Beneficial Use
  - Sustainability of Water Resources
  - Problem Statement
  - Salt/Nutrient Management Objectives
  - Regulatory Framework
  - Groundwater Beneficial Uses
  - **Stakeholder Roles and Responsibilities**
  - Process to Develop Salt/Nutrient Management Plan

**II. GROUNDWATER BASIN CHARACTERISTICS**

1. GROUNDWATER BASIN OVERVIEW
- Physiographic Description
- Groundwater Basin and/or Sub-Basin Boundaries
- Watershed Boundaries
- Geology
- Hydrogeology/Hydrology
- Aquifers
- Recharge Areas
- Hydrologic Areas Tributary to the Groundwater Basin
- Climate
- Land Cover and Land Use
- Water Sources

2. GROUNDWATER INVENTORY
- Groundwater Levels
  - Historical, Existing, Regional Changes
  - Groundwater Storage
  - Historical, Existing, Changes
  - Groundwater Production
  - Historical, Existing, Spatial and Temporal Changes, Safe Yield
  - Groundwater Mixing and Movement
Final Revised Workplan of SNMP

- Each Section contains short text on how the data will be generated and presented in the SNMP

- Similar to SWRCB Suggested Elements, Workplan contains the following Sections:
  - **Constituents of Emerging Concern** – Will comply with applicable CDPH and SWRCB regulations
  - **Other Chemicals of Concern** (added per LARWQCB request) – Will identify chemicals associated with contaminated sites
Final Revised Workplan of SNMP

- Similar to SWRCB Suggested Elements, Workplan contains the following Sections:
  
  - **CEQA Analysis** – LARWQCB will be the lead agency for environmental analysis of SNMP, but stakeholders will be responsible for conducting the environmental analysis of the SNMP
  
  - **Antidegradation Analysis** – Will comply with SWRCB Resolution 68-16 (Anti-Degradation Policy) and Section 9 of the SWRCB Recycled Water Policy
Preliminary Schedule of Major Tasks

- **Mid-2013** – Finalize Draft SNMP and submit to LARWQCB for review and comments

- **May 2014** – Approval of Final SNMP by LARWQCB
Questions?