

Newport Bay Watershed Executive Committee

February 16, 2011





Agenda Item 1

Approval of Minutes





Agenda Item 2

Election of Chair and Vice Chair



Agenda Item 3

**Overview of Executive
Committee and
Executive Action Plan**

Mary Anne Skorpanich



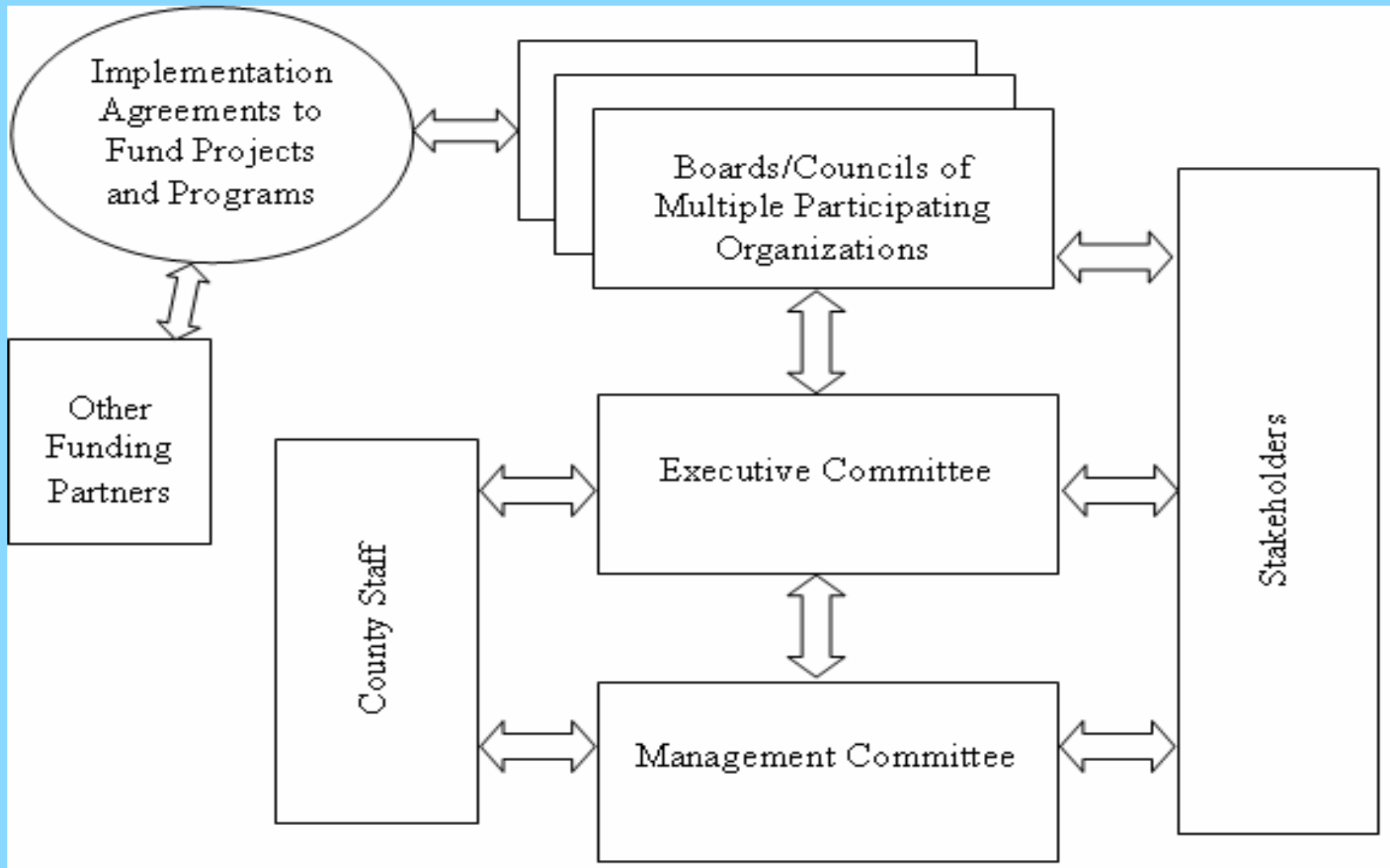
History

- 1983 – Upper Newport Bay Sediment Control Executive Committee formed through Cooperative Agreement D99-026
- The Newport Bay Watershed Executive Committee is the successor committee to the Sediment Control Executive Committee.

Executive Committee

- Serves in a leadership role to oversee policy issues related to water quality regulatory issues, funding, and governance of the Central Watershed Management Area.
- Members are elected or appointed officials or are executive-level managers, with one member from each of the signatories to the agreement.

Organizational Structure



Mission Statement

To provide a management framework for cooperation on sediment, water quality, and water resource issues in the Central Watershed Management Area.

Goals

- Integrate and improve hydrologic functioning of the watershed to optimize flood protection, water conservation and water quality protection
- Protect, enhance, restore and connect habitat in the watershed
- Integrate economic development with watershed restoration efforts

Goals, continued

- Facilitate watershed stewardship to support watershed goals
- Build and sustain effective relationships between watershed stakeholders to achieve common goals through positive communication, collaboration, consensus and coordination
- Create an effective, efficient, innovative, responsive, and transparent Executive Committee operation

Objectives

- Provide a forum to evaluate and assess progress toward implementing the 208 Water Quality Plan
- Formulate project implementation agreements for the elements of the 208 Plan
- Review progress and provide direction on projects to address water quality impairments
- Review opportunities and provide direction for pollutant trading or offset programs

Objectives, continued

- Provide oversight for the Central Watershed Management Area
- Review opportunities and provide direction for grant funding through the Integrated Regional Water Management Plan
- Formulate project implementation agreements for any cost-shared projects.

Contents of Plan

- Description of each program area
- Regulatory requirements
- Compliance activities to date
- Anticipated compliance activities in 3-5 year horizon
- Financial forecast based on anticipated compliance activities



Agenda Item 4 Serrano Creek Stabilization

Mary Anne Skorpanich



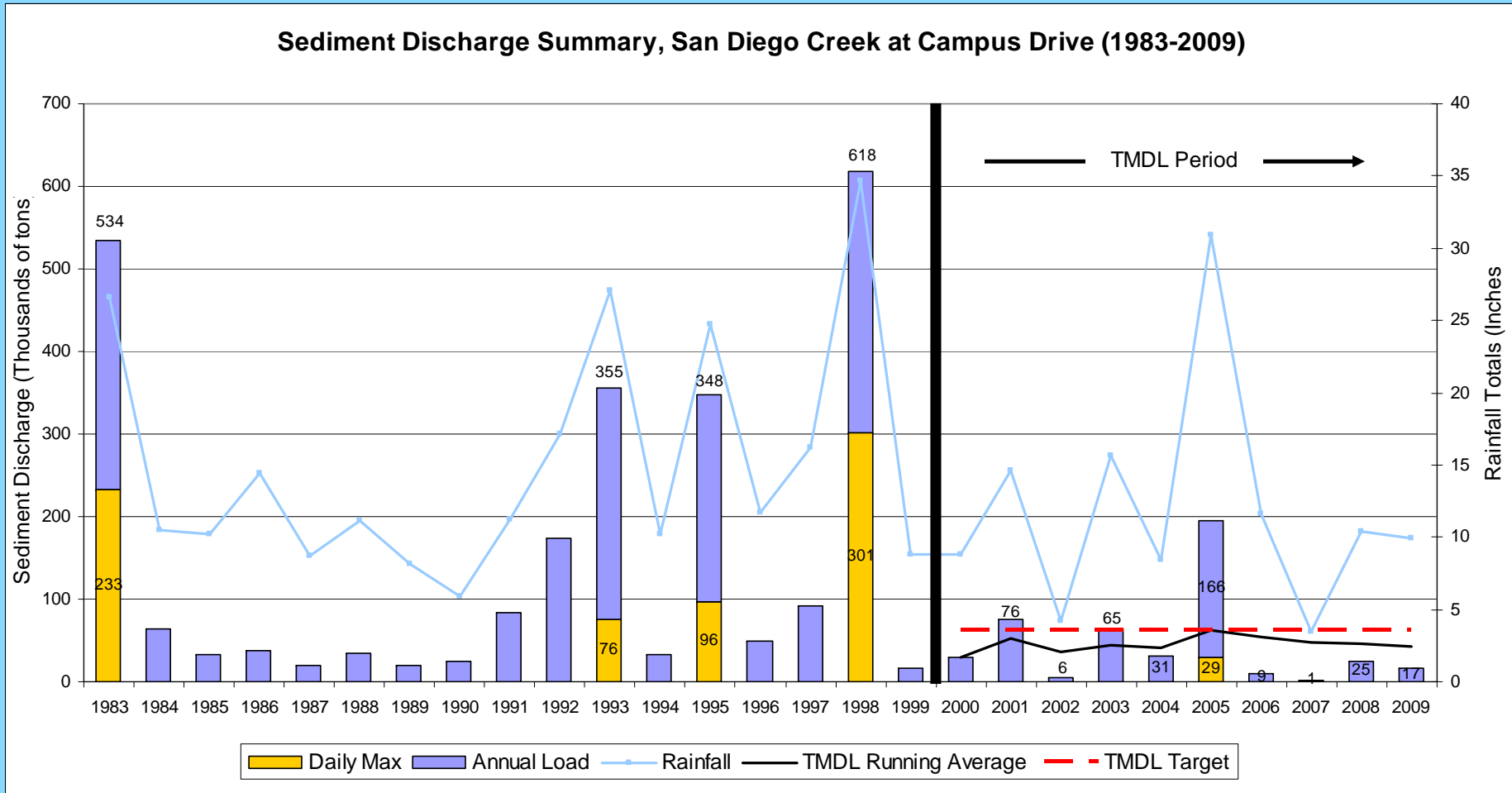
Background

- Comprehensive Stormwater Sedimentation Control Plan, 1983
- Sediment Total Maximum Daily Load, 1999
- Sediment cost-sharing agreement, 1999
 - Irvine, Lake Forest, Newport Beach, Tustin, Irvine Company, County of Orange, and the OC Flood Control District
- Largest remaining sediment sources:
 - Borrego Canyon Wash
 - Serrano Creek

Sediment TMDL Requirements

- Less than 1% change to habitat in Bay
- In-Bay basins maintained to -7 feet MSL
- In-channel basins at 50% capacity
- Foothill basins at 50% capacity
- 50% sediment reduction in 10 years
- Surveys at least every 3 years
- Reduction in dredging frequency
- Monitoring and reporting

Sediment TMDL Compliance



Serrano Creek Efforts

- City of Lake Forest Plan, 1998
- Bake Parkway to Trabuco Road Stabilization, 2002
 - City of Lake Forest
 - Serrano Creek Conservancy
 - OC Flood Control District
 - \$2.8 million

- Interim slope protection, 2005
 - Autumnwood Homeowners Association (property owners)
 - Irvine Ranch Water District
 - City of Lake Forest
 - County of Orange
 - OC Flood District
 - \$375,000

- 2007 Fluvial Study
 - \$100,000 Fluvial Study, County of Orange
 - Edison Parcel: \$1.7 million
 - County Parcel: \$4.8 million
 - Autumnwood Parcel: \$7 million
 - Business Park Parcels: \$1.7 million
 - City Parcels: \$200,000
 - Nursery & Other Parcels: \$8.5 million

Sediment Cost-Sharing Agreement

- Scope:
 - Monitoring
 - Compliance reporting
 - Maintenance of one sediment-trapping basin in San Diego Creek
- Amendment Pending:
 - Maintenance of two other sediment-trapping basins in San Diego Creek

Recommended Action

- Recommend to the Sediment TMDL cost-share partners that the scope of Agreement D08-034 be expanded to stabilizing sources of sediment as needed throughout the watershed.

Agenda Item 5

Integrated Regional Water Management Planning

Mary Anne Skorpanich



Proposition 84, Round 1

| County | Total Grants | Percent, Funding | Percent, Land Area | Percent Population |
|----------------|--------------|------------------|--------------------|--------------------|
| Orange | \$4 million | 33.3% | 19% | 44% |
| Riverside | \$4 million | 33.3% | 44% | 26% |
| San Bernardino | \$4 million | 33.3% | 36% | 29% |

Agenda Item 6

Cienega Selenium & Nitrogen Removal Project Update

Amanda Carr



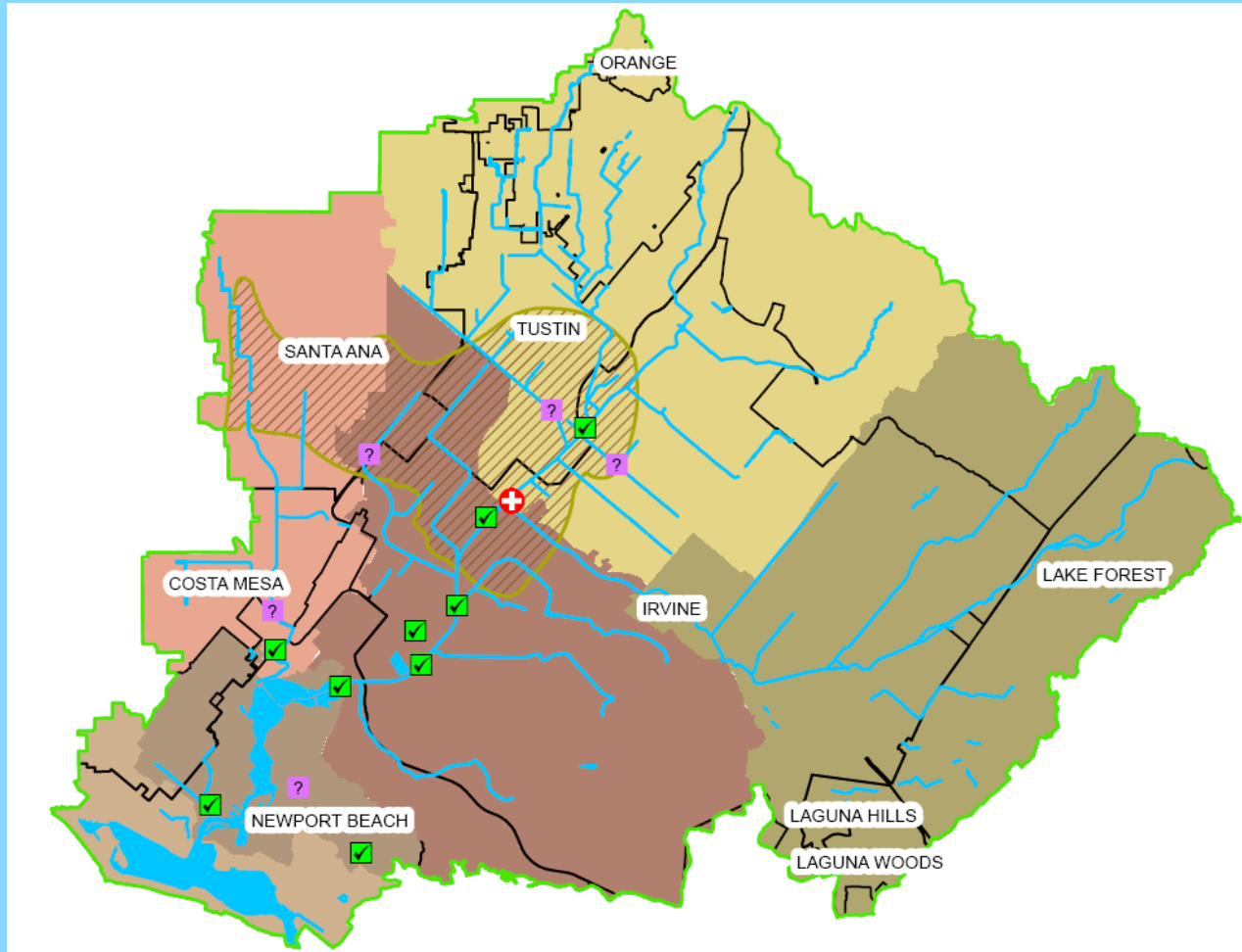
TMDL Regulatory Environment Overview

| | | |
|---|---|--|
| <p>2004-2009 General Dewatering Permit</p> | <p>Participate in Watershed Working Group</p> | <p>Each Discharger Must Meet Numeric Effluent Limits</p> |
| <p>2009 – Present Dewatering and NPDES Permit Future Dewatering and NPDES Permit</p> | <p>Participate in Comprehensive Cooperative Watershed Program</p> | <p>Each Discharger must meet numeric effluent limits</p> |

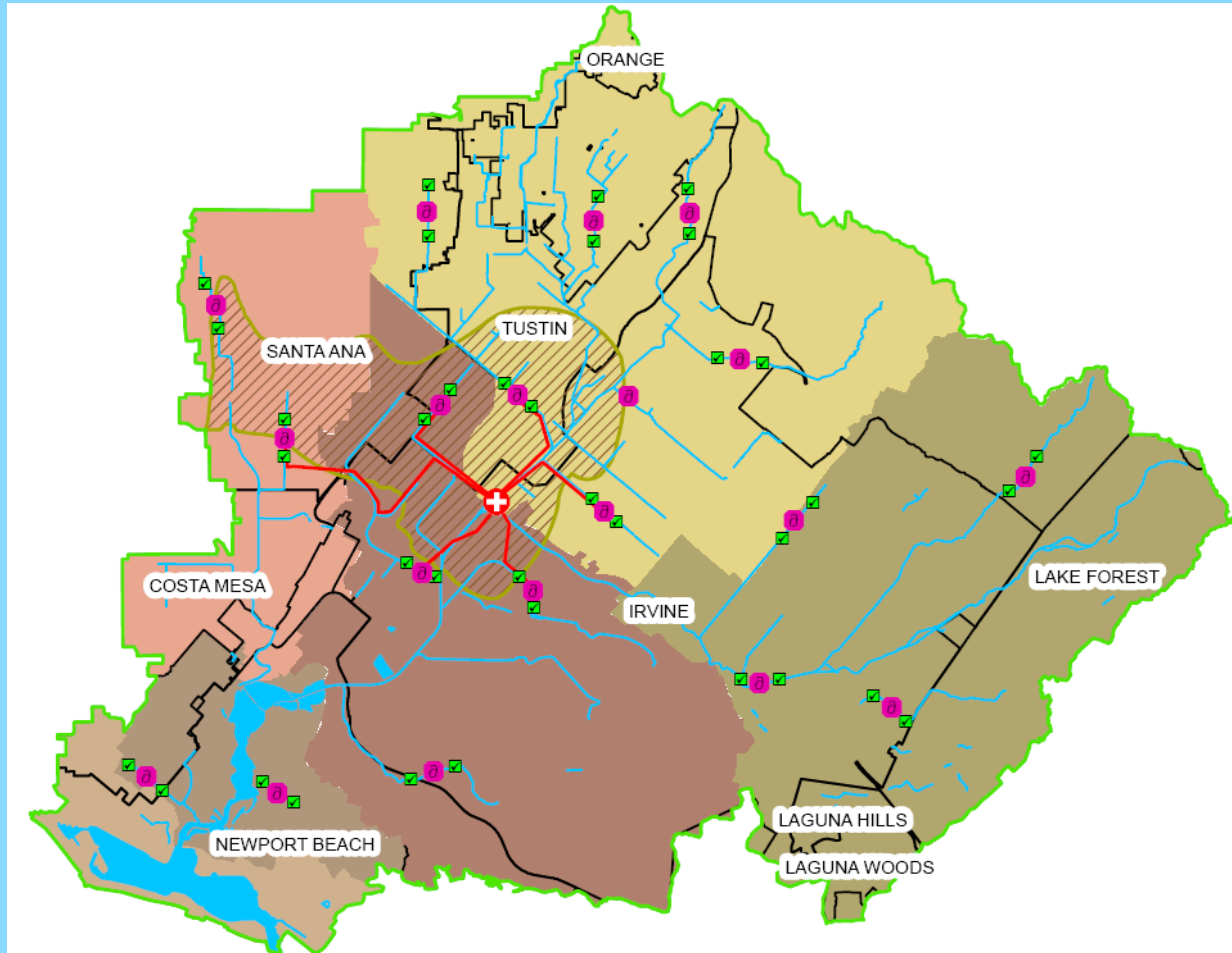
How Does Cienega Assist with TMDL Compliance?

- Comprehensive Cooperative Watershed Program
 - Key feature of the Best Management Practices Strategic Plan
 - Will treat both surface and rising groundwater
 - May be a source of selenium reduction credits
 - Enables point source discharges to continue
- Individual Discharger Numeric Effluent Limits
 - May be able to pipe discharges to Cienega for treatment

Comprehensive Watershed Program



Individual Waste Discharge Compliance



Review of Refined Cost Share Options

- Land Area, with Variations
- Scalable Model
 - Lake Forest Suggestion
- Benefit Shares
 - Newport Beach Suggestion

Scalable Model Concept



Benefit/Responsibility Model: Example

| Category | Permit Compliance Benefit | | | Water Application Responsibility | Drainage System Responsibility |
|---------------------------|---------------------------|--------------------------------------|---------------------------------------|----------------------------------|--------------------------------|
| Sub-category | MS4 Permit Compliance | General Dewatering Permit Compliance | Long-term Discharge Permit Compliance | | |
| | 34 | 33 | 33 | | |
| Total shares per Category | 40 | | | 30 | 30 |



Agenda Item 7

Executive Committee Comments





Agenda Item 8

Public Comments



Next Meeting

April 20, 2010

Irvine Ranch Water District Board Room

1:30 – 3:30 pm