

## **6.0 RELATION TO LOCAL PLANNING**

### **6.1 IRCWM Plan and Linkage to Local Plans**

To minimize the potential for conflicts and ensure full implementation of the IRCWM Plan, the goals and policies within planning documents adopted by local agencies with land use and water resource management authority are integrated into the Plan. This planning approach is fundamental to the Plan as it builds off the extensive planning efforts and studies that have been conducted within the Newport Bay and Newport Coast Watersheds, many of which have been used to formulate goals and policies within individual agency plans. The Plan's objectives, strategies, and projects will improve watershed conditions related to water quality, habitat protection, ecosystem restoration, and local water supply reliability, consistent with the goals and policies in local adopted plans.

#### **6.1.1 Consistency with Local Plans**

This Plan is consistent with the policies in the following local land use plans that provide for appropriate land uses, water and wastewater services, flood protection, recreation, water quality, and protection of natural resources:

- General Plans and Specific Plans:
  - City of Costa Mesa General Plan: Land Use, Conservation, Open Space, and Recreation Elements
  - City of Irvine General Plan: Land Use, Parks and Recreation, Conservation, and Open Space Elements
  - City of Irvine: Great Park Preliminary Master Plan
  - City of Lake Forest General Plan: Land Use, Recreation and Resources, Public Facilities/Growth Management Elements
  - City of Newport Beach General Plan: Land Use, Harbor and Bay, Recreation, and Natural Resources Elements
  - City of Newport Beach Local Coastal Program
  - City of Santa Ana General Plan
  - City of Tustin General Plan: Land Use, Conservation/Open Space/Recreation Elements
  - City of Tustin: MCAS Tustin Specific Plan
  - County of Orange General Plan.

In addition, the Plan is consistent with adopted plans for local agencies with water resource management responsibilities, such as drinking water supply, wastewater treatment, flood control, water quality, and stormwater management. The Plan supports the policies and

recommendations of these adopted plans to ensure reliable water supplies, water quality, and protection of life and property, among others:

- Urban Water Management Plans (for reliable water supplies):
  - IRWD, City of Newport Beach, Mesa Consolidated Water District, City of Santa Ana, City of Tustin, El Toro Water District, Golden State Water Company, East Orange County Water District
- Sewer System Management Plans (to avoid water quality impacts):
  - IRWD, OCSD, Costa Mesa Sanitary District, City of Newport Beach, City of Tustin, El Toro Water District
- Master Plans for Water, Wastewater, Recycled Water, and Natural Treatment Systems
- Drainage Area Management Plan (for stormwater protection)

Lastly, the Plan is consistent with adopted local plans for habitat protection and enhancement to ensure that no regulatory conflicts arise:

- Central/Coastal Orange County Natural Community Conservation Plan/Habitat Conservation Plan.

Land use data have assisted in the regional planning and projections of water demands, water use classifications, infrastructure master planning, and reliability planning for the future as well as the identification of appropriate locations for water quality projects and habitat protection. The IRCWM Plan will continue the essential link to local plans and can be considered a planning document in return for many local land use plans. Land use within the region is further discussed in *Section 2.4* and shown in *Figures 2.7a* and *2.7b*.

### 6.1.2 Local Agency Planning Documents

Many existing plans and studies, including master plans, facility plans, watershed management plans, recycled water studies, feasibility studies, and long-range plans contain proposed projects that are instrumental in meeting the goals and objectives of the region. Many projects within local and regional plans and studies have been incorporated into the IRCWM Plan and will continue to be implemented in coordination with those plans. *Table 6.1, Existing Local and Regional Plans, Documents, and Programs*, lists a number of the plans and studies that were used to form the framework for the IRCWM Plan objectives and to identify strategies and projects to achieve those objectives.

**Table 6.1**  
**Existing Local and Regional Plans, Documents, and Programs**

Agency	Document Title	Author	Date
Costa Mesa, City of	Capital Improvement Project, 2006-2007	City of Costa Mesa	2005
Irvine, City of	Capital Improvement Program, Proposed 2007-2008	City of Irvine	2007
Irvine, City of	General Plan	City of Irvine	06/06
Irvine, City of	Sustainable Travelways "Green Streets" Administrative Guidelines for The Great Park	Fusco Engineering	05/06
Lake Forest, City of	Capital Improvement Projects Budget, 2005-2007	City of Lake Forest	2005
Lake Forest, City of	General Plan	City of Lake Forest	07/01
Lake Forest, City of	Opportunities Study Program Draft EIR	EIP Associates	2006
Lake Forest, City of	Serrano Creek Collaborative Use Plan	Willdan Associates	1998
Laguna Hills, City of	Capital Improvement Plan, 2005/06-2006/07	City of Laguna Hills	2005
Newport Beach, City of	Urban Water Management Plan, 2005		
Newport Beach, City of	General Plan		
Newport Beach, City of	Capital Improvement Program, Preliminary 2007-2008	City of Newport Beach	2007
Newport Beach, City of	Newport Coast Watershed Management Plan (Draft)	Weston Solutions	2007
Orange, City of	Capital Improvements	City of Orange	2006
Santa Ana, City of	Urban Water Management Plan, 2005	Psomas	11/05
Tustin, City of	General Plan		
Tustin, City of	Urban Water Management Plan, 2005		
Tustin, City of	Capital Improvement Program 2006-2007		
County of Orange	Capital Improvements	County of Orange	2006
County of Orange	Upper Newport Bay/San Diego Creek Watershed Sediment TMDL, 2005-06 Annual Report	County of Orange	2006
County of Orange	Newport Bay Fecal Coliform TMDL Annual Report	County of Orange	2006
County of Orange	Newport Bay Watershed Nutrients TMDL, Quarterly Data Report Oct-Dec 2006	County of Orange	2006
County of Orange	Nitrogen and Selenium Management Program (NSMP) Work Plan	County of Orange	2005
County of Orange	Library of NSMP Documents; <a href="http://www.ocnsmp.com/library.asp">http://www.ocnsmp.com/library.asp</a>	Various	2005 -2007
County of Orange	Drainage Area Management Plan	Co-Permittees	11/06
County of Orange / All cities	Local Implementation Plan (Jurisdictional Urban Runoff Management Plan)	Co-Permittees	2003
County of Orange	Identification of Regional BMP Retrofitting Opportunities Draft (Stormwater Program)	RBF Consulting	04/04
County of Orange	Natural Community Conservation Plan	County of Orange	1996
County of Orange	Newport Bay/San Diego Creek Watershed, Reconnaissance Study, Project Study Plan Final Draft	U.S. Army Corps of Engineers	04/99
County of Orange	Newport Bay/San Diego Creek Watershed Management Study Technical Appendices	U.S. Army Corps of Engineers	07/01
County of Orange	San Diego Creek Watershed Study, Hydraulic & Sedimentation Appendix	U.S. Army Corps of Engineers	06/03
County of Orange	Upper Newport Bay/San Diego Creek Watershed Feasibility Study, Preliminary Draft	U.S. Army Corps of Engineers	10/05
County of Orange	Serrano Creek Reconnaissance Study 905b	U.S. Army Corps of Engineers	
County of Orange	San Diego Creek Watershed Special Area	U.S. Army Corps of	2004

**Table 6.1**  
**Existing Local and Regional Plans, Documents, and Programs**

Agency	Document Title	Author	Date
	Management Plan (Draft)	Engineers	
East Orange County WD	Capital Replacements and Improvements Budget for 2006-2007	East Orange County WD	2006
East Orange County WD	Urban Water Management Plan, 2005	Psomas	12/05
El Toro WD	Urban Water Management Plan, 2005	Ergun Bakall	12/05
Irvine Ranch WD	Urban Water Management Plan, 2005	Irvine Ranch WD	11/05
Irvine Ranch WD	Water Resources Master Plan	IRWD	1999
Irvine Ranch WD	San Diego Creek Watershed Natural Treatment System Master Plan	GeoSyntec Consultants	06/05
Irvine Ranch WD	San Diego Creek Watershed Natural Treatment System Revised EIR	BonTerra Consulting	01/04
Irvine Ranch WD	Cienega Filtration Project Field Demonstration Preliminary Design Report	GeoSyntec Consultants	10/06
Irvine Ranch WD	Results of the Pre-Design Optimization Study Supporting the Cienega Filtration Project	GeoSyntec Consultants	01/06
Irvine Ranch WD	Wetlands Selenium Mesocosm Pilot Study	GeoSyntec Consultants	04/03
Irvine Ranch WD	Selenium Pilot Study Column Test Results	GeoSyntec Consultants	04/03
Mesa Consolidated WD	Urban Water Management Plan, 2005	Mesa Consolidated WD	11/05
Mesa Consolidated WD	Capital Improvement Program	Mesa Consolidated WD	05/02
Moulton Niguel WD	ETWD, IRWD, and MNWD Recycled Water Project Study Draft	Tetra Tech	12/2003
MWDOC	Regional Urban Water Management Plan Update. 2005	MWDOC	12/05
MWDOC	Determining the Value of Water Supply Reliability	Orange County Business Council	8/03
Orange County WD	Groundwater Management Plan	OCWD	2004
Santa Ana RWQCB	Watershed Management Initiative Chapter	Santa Ana RWQCB	11/04
Santa Ana RWQCB	Water Quality Control Plan, Santa Ana River Basin	Santa Ana RWQCB	1995
Santa Ana RWQCB	Total Maximum Daily Loads for Organochlorine Compounds	Kathy L. Rose, Ph.D.	11/06
SAWPA	Santa Ana Integrated Watershed Plan 2005 Update	SAWPA	06/05
SAWPA	Santa Ana Integrated Watershed Plan, Volume 1: Water Resources Component	SAWPA	06/02
SAWPA	Santa Ana Integrated Watershed Plan, Volume 2: Environmental and Wetlands Component	EIP Associates	

## 6.2 Coordination with Local Land Use Agencies

The IRCWM planning process involves a broad stakeholder group, including representatives from each of the local agencies with land use authority (see *Section 1.5.1* and *Appendix B*). This level of involvement ensures that there is coordination with local land use planning agencies so that the planning efforts maximize the potential benefits for both land use and water resource

management. Specifically, land use agency participation occurs through the Newport Bay Watershed Executive Committee and the Newport Bay Watershed Stakeholders Group (see *Section 1.5.1*). The agencies with land use authority actively participate in these groups, which provides an effective means for coordination.

### 6.3 Local Planning and Water Management Strategies

Within the Central Orange County region, the nexus between land use decisions, water resource management, and coastal zone impacts has been firmly established through a number of studies conducted within the watersheds. As a result, the dynamic relationship between water management strategies and local agency planning documents benefits the IRCWM planning process. Incorporating the use of a broad range of strategies increases the benefits and minimizes the potential for conflicts with local adopted plans. For example, a number of strategies may be appropriate for certain areas or project types as they directly support the policies and goals of the planning documents. However, in some cases, a particular strategy may not be appropriate due to local land use or water resource plans. For example, a strategy combination that would improve water quality and create or restore habitat would be appropriate within an open space area identified within a land use plan, whereas it would not be suitable for an area designated as high density residential. Projects that create wetlands for water quality and stormwater management are appropriate in areas where the facilities can be managed and will not result in a public safety issue. *Table 6.2, Strategies and Local Agency Plans*, provides examples of the relationships between water management strategies and local agency plans.

**Table 6.2**  
**Strategies and Local Agency Plans**

Strategy / Plan Type	General Plans	UWMPs	Water Master Plans	Wastewater Master Plans	Recycled Water Plans	NCCP/HCP	Other Resource Plans
Ecosystem Restoration	•				•	•	•
Habitat Protection	•				•	•	•
Water Supply Reliability	•	•	•		•		
Flood Management	•					•	•
Groundwater Management	•	•	•		•		•
Recreation/Public Access	•					•	•
Stormwater Management	•					•	•
Water Conservation	•	•	•	•	•		•
Water Quality Protection	•	•	•		•	•	•
Water Recycling	•	•	•	•	•		•
Wetlands	•				•	•	•

**Table 6.2  
Strategies and Local Agency Plans**

Strategy / Plan Type	General Plans	UWMPs	Water Master Plans	Wastewater Master Plans	Recycled Water Plans	NCCP/HCP	Other Resource Plans
Enhancement/Creation							
Conjunctive Use		•	•		•	•	•
Desalination		•	•				
Imported Water	•	•	•		•		
Land Use Planning	•	•	•	•	•	•	•
NPS Pollution Control	•					•	•
Surface storage	•	•	•		•	•	•
Watershed Planning	•	•	•	•	•	•	•
Water/Wastewater Treatment	•		•	•	•		
Water Transfers		•	•				