

## **EXHIBIT A**

### **PRELIMINARY SCOPE OF WORK**

#### **General**

The overall goal is to produce an IRWM Plan ("Plan") that can be adopted by the Gateway Authority Board of Directors. The Plan must fulfill all of DWR's requirements and be completed no later than two (2) years after a contract is executed with DWR (anticipated in fall of 2011). The IRWMP plan will specifically include the following:

Regional Projects – Projects that benefit multiple jurisdictions and communities are a priority for the plan and for implementation. The IRWMP process will look specifically for those opportunities during the project review and prioritization phase.

Water Conservation and Water Use Efficiency – Water use efficiency has great potential in urban environments like the Gateway Region. Projects focusing on demand management will improve water reliability for the region and the State by reducing the need for imports from other parts of California, and especially the Sacramento-San Joaquin Delta. Landscape water reduction has good potential for reducing demand and the use of storm water runoff locally within the region is an element of efficiency that must be included along with expanded water conservation programs. These strategies are among the statewide priorities for water use efficiency and the statewide priority for water supply reliability that is also under the CALFED Water Supply Reliability Program Objectives.

Environmental and Habitat Protection and Improvement Projects – The IRWMP development process will be looking for projects to improve the limited ecosystem currently in the region. Flood control projects have reduced river environment to mostly concrete channels and there are potential opportunities to expand the environmental stewardship in the region. This supports the statewide priority in this area.

Protect and Improve Groundwater Quality – This is a key issue for the Gateway Region and supports a statewide priority to Protect Surface and Groundwater Quality to safeguard public and environmental health.

#### **Gateway Authority Goals and Objectives**

The goals and objectives for the Los Angeles Gateway Region IRWMP have been identified by the Gateway Authority Vision, Mission, Goals, and Objectives statement adopted on February 14, 2008. The goals and objects are shown below:

##### **Plan Goals:**

- Protect and enhance water quality
- Optimize water supply reliability
- Coordinate and integrate water resource management

- Identify and address the water-related and natural resources needs of the Gateway Region Watershed
- Provide stewardship of our natural resources

#### Plan Objectives:

- Effectively reduce sources of pollutants and environmental stressors
- Reduce the negative effects on waterways and watershed health caused by hydro-modification and flooding
- Construct, operate, and maintain habitat and open space
- Optimize open space and water-based recreational opportunities
- Further the scientific and technical foundation of water management
- Effectively obtain, manage, and assess water resources data and information
- Maximize stakeholder and community involvement and stewardship

The adopted plan objectives also state that specific goals, objectives, and implementing strategies will be developed in the IRWMP process with broad and extensive stakeholder involvement. Additional considerations expressed by participants to embark on an integrated planning process include:

- To be involved in achieving better planning efforts that address regional water needs unique to the Gateway Region and ensuring those needs are adequately identified and prioritized
- To coordinate water management between regional agencies and work together to find economically and environmentally responsible solutions to regional needs
- To ensure equitable resource protection
- To ensure appropriate consideration for federal and state funding
- The ability to integrate specific funding through a sub-regional approach

#### **Formulation of Water Management Strategies**

An important and necessary step in the IRWMP process is to formulate strategies that will be effective in addressing critical water needs and issues for the region. The Gateway Authority and region stakeholders intend to consider a broad range of water management strategies to address planning objectives. The planning process will be open and public. Brainstorming additional solution paths is important to help shape alternatives, provide the broadest consideration, and obtain stakeholder commitment in the process.

The region's significant water issues include water quality, storm water runoff, and water reliability. With those topics as initial targets, the IRWMP planning process will consider various approaches to solve those problems, combine various actions and evaluate their effectiveness. Environmental forces, such as climate change, must also be considered when developing strategies. A central purpose of the process will be to integrate water management initiatives undertaken by each of the participants into a

program of integrated projects for the Gateway Region. The following is a preliminary list of strategies to be considered during IRWMP development:

Ecosystem restoration	Water supply reliability
Water conservation	Flood management
Water recycling	Groundwater management
Environmental and habitat protection and improvement	Water quality protection and improvement
Recreation and public access	Storm water capture and management
Imported water	Storage
Conjunctive use	Water and wastewater treatment
Land use planning	Treatment methodologies
Watershed planning	Water transfers

### **Project Formulation and Prioritization**

Specific projects that are needed to implement the Gateway Regional Plan will be identified and prioritized to meet regional water management objectives and to follow the water management strategies adopted in the plan. A necessary component of the IRWMP will be to identify additional projects that may serve the multi-benefit objective of the Gateway Region and that would address the area's critical needs. All decisions will be finalized by a vote at a regular meeting of the Gateway Authority. An implementation schedule that extends beyond the adoption of the Plan will be developed.

A specific project prioritization process will be developed during the IRWMP planning process. Some of the prioritization factors to be considered will likely include: 1) the urgency of the need for the project (whether there is a safety issue or a fine associated); 2) consistency with objectives, local priorities, whether the project generates the greatest regional benefits at acceptable levels of impact and cost, and the extent to which the project meets planning goals.

These prioritization criteria will be discussed during the planning process. Preliminary criteria include strategies that:

- Best meet the stated planning objectives
- Have significant potential for preserving health and safety
- Provide for reasonable and beneficial use of the state's water resources
- Provide for synergy and a broad range of benefits to the communities
- Facilitate funding opportunities for implementation of other strategies
- Protect and enhance water supply and water quality; especially in economically disadvantaged communities in the region
- Identify strategies that are ready for implementation or can be easily implemented
- Assist the region in adapting to the potential threats from climate change and/or meet the plan objectives while presenting the least negative impact on climate change inducing factors such as greenhouse gas emissions

Additionally, the County of Los Angeles is considering a countywide initiative to establish a parcel tax to fund regional storm water quality projects and programs. The plan shall include projects and programs that will place the Gateway Authority in a strong position to compete for this funding. Although eligibility criteria have not been finalized, it is anticipated that the criteria will be applied in the following general form:

Projects may include, but are not limited to planning, design, implementation and upkeep of storm water cleanup, control and diversion; water quality, pollution and bacteria control; trash capture; improving habitat/coastal and wetlands restoration and development; storm water retention facilities; and water conservation/reuse facilities. Water quality solutions funded by the Water Quality Fee should be proven to be effective and take into consideration the requirements of the Clean Water Act.

In order to ensure efficient operability and benefit effectiveness, where applicable, projects shall include funding for operation and maintenance as well as a monitoring component.

Where applicable, Watershed Authority Groups and Municipalities shall develop projects consistent with the following goals:

- (1) Projects and programs should be designed to reduce and prevent pollution in storm water from contaminating rivers, lakes, bays, beaches and coastal waters of Los Angeles County.
- (2) Projects and programs should demonstrate capability of contributing to sustain long-term water quality benefits, and address the causes of degradation rather than the symptoms.
- (3) Projects and programs should identify the nonpoint source(s) and/or source(s) of pollution to be prevented or reduced.
- (4) Projects and programs should describe any known baseline water quality of the environment to be addressed.
- (5) Projects and programs should describe the manner in which the project or program will be effective in preventing or reducing pollution and in demonstrating the desired environmental results and shall describe how results will be measured and reported.
- (6) Projects and programs planning and development should be done in coordination with a California State Department of Water Resources certified Integrated Regional Water Management Plan (RWMP) effort and existing implementation plans submitted to the Regional Board.

- (7) Regional projects and programs should maximize the use of funds by leveraging other local, State and Federal funds or bringing outside funds for water quality and other project elements.
- (8) Projects and programs should be strategically designed and located to maximize the storm water quality benefits.
- (9) Projects and programs should be evaluated considering the relative economic cost against the extent of storm water quality benefit which will result.
- (10) Projects and programs should be evaluated based on scientific and other information showing the likelihood that the storm water quality benefits will be realized.
- (11) Projects and programs should utilize a management approach that incorporates stakeholder feedback, adaptation, and flexibility in order to protect public health, improve water quality, conserve water, and reduce flooding.

Below are examples of likely eligible expenditures and use of the water quality fees:

- A. Expenditures for consultants, contractors, and staff engaged in data development and planning and implementation of water quality projects and programs.
- B. Costs of studies, investigation, and monitoring related to pollutants and pollutant loading in water bodies.
- C. Costs for regional and local program implementation, project construction, implementation and maintenance.
- D. Expenditures associated with obtaining permits from the District, Army Corps of Engineers, State Department of Fish and Game, and the Regional Board, including agency MS4 permits.
- E. Funds provided to an adjoining Watershed Authority Group, Municipality, or the District for regional and local projects with recognized mutual benefit.
- F. Expenditures by Watershed Authority Groups or Municipalities for any administrative tasks including staff costs such as preparing summary information for Water Quality Improvement Programs, annual use of funds reports to be submitted to the District or for any other costs associated with carrying out the WAG's function and not ineligible under 18.11(b).
- G. Expenditures by the District or Municipalities for existing regional and local programs and projects, including operations and maintenance that meet the requirements of this ordinance.

- H. Debt service and debt issuance cost should the District, Municipalities or the Watershed Area Groups determine that bonds are prudent and necessary to implement the programs.
- I. Costs of overall program administration, system-wide monitoring, regional water quality planning, planning assistance to WAGs, coordination and consistency among WAGs and Watershed WQIP Funding Certification.

### **Preliminary Scope of Work**

This preliminary scope of work includes specific tasks and deliverables envisioned by the Gateway Authority. Please note that the tasks and deliverables shall not be considered all inclusive. There are requirements in the Application, PSP, and Guidelines that are not detailed in this preliminary scope of work. **Consultant proposal must address all applicable requirements and standards, regardless of their inclusion in this preliminary scope of work.**

Consultant proposal should reflect a comprehensive approach to planning and executing the activities described in the preliminary scope of work. Consultant is expected to work closely with The Gateway Authority and committees as organized during the development of the Plan.

Proposers are directed to Section 5.2 - Work Items (page 50) of the Gateway Region IRWMP Planning Grant Application. Tasks 2, 4, 5, 6, and 7 provide the general outline of the tasks to be accomplished in developing the IRWM Plan. These tasks include:

### ***Task 2—Public Involvement Process and Meetings***

The objective of this task is to incorporate a public outreach program into the IRWMP development efforts to equitably and comprehensively represent the range of interests of the Gateway Region. The process includes the following items and activities:

Task 2.1— Initial Public Meeting

Task 2.2— Develop Stakeholder List and Involvement Plan

Task 2.3— Public Meeting on Draft IRWMP

Task 2.4— Monthly and Special Gateway Authority Meetings

### **Deliverables:**

- Coordination and Facilitation of Initial Public Meeting
- Development of Public Involvement Plan
- Development of outreach materials
- Development of Stakeholder List to include regional stakeholders
- Demonstration of concentrated outreach and engagement activities with DACs
- Refinement of stakeholder list of entities intending to participate

- Ongoing webmaster functions for the Gateway Authority, including share-file capabilities, a calendar of Plan events and a question/comment exchange area
- Facilitate Public Meeting on Draft IRWMP
- Monthly and Special Gateway Authority Meetings

#### ***Task 4—Consultant Prepares Draft IRWMP Materials***

The consultant will provide guidance on the Gateway Region’s development of a Plan by leading a number of working sessions to bring about a common understanding of the regional issues, objectives, and water management strategies and to formulate a framework for the IRWM Plan. Task 4 activities include:

Task 4.1—Refine and Enhance Planning Objectives for IRWMP – Include Climate Change, Flood, and Governance Issues

Task 4.2—Water Budget Development

Task 4.3—Compile and Analyze Storm Water Runoff Data

Task 4.4—Compile Existing Water Quality Information

Task 4.5—Develop Integrated Management Strategies for Region

Task 4.6—Develop Projects to Address Strategies

Task 4.7—Project Feasibility and Other Factors Review

Task 4.8—Integration Review

Task 4.9—Environmental Justice Review

Task 4.10—Climate Change Vulnerability and Mitigation Review

Task 4.11—Disadvantaged Communities Issues Review

Task 4.12—Conduct Project Prioritization and Review Process

Task 4.13—Develop IRWMP Implementation Component and Financial Plan

Task 4.14—Determine Impacts and Benefits of IRWMP

Task 4.15—Review Groundwater Monitoring Program

Task 4.16—Develop Data Management Methods

Task 4.17—Develop Plan Monitoring

#### **Deliverables:**

- A Draft Plan which provides for long-term water supply reliability and water management in the region, as well compliance with 20x2020 water efficiency goals and CWC §10540(c). (4.1)
- A Water Budget using population, land, and water use data available from Gateway Region stakeholders (historical, present, projected) (4.2)
- Compilation and analysis of storm water runoff<sup>1</sup> (4.3)
- Compilation of existing water quality information<sup>2</sup> (4.4)

---

<sup>1</sup> Work on this task along with Task 4.5 will support the State’s priority to integrate flood management with other water management issues in the region.

<sup>2</sup> This task of the Work Plan supports the State’s goal and priority to protect surface water and groundwater quality.

- Development of integrated management strategies (4.5) to include regional and cross-regional projects, water use efficiency strategies, drought preparedness, environmental stewardship (particularly open space and habitat planning), flood management strategies, and the protection of surface and groundwater quality
- Development of projects to address strategies
- Review/analysis of project feasibility
- Project integration review, including project integration with bordering IRWM regions
- Discussion of review of environmental justice issues and associated recommendations
- Discussion and review of climate change vulnerability and mitigation issues using a climate change specialist and associated recommendations
- Discussion and review of DAC Issues and response strategies and associated recommendations
- Prioritize projects using extensive input from stakeholders and the development of procedures for submitting, reviewing and communicating project selection
- Development of Plan implementation schedule and financial schedule
- Determination of impacts and benefits of the Plan including a component for complying with CEQA
- Discussion and review of groundwater monitoring program and associated recommendations
- Development of data management methods and processes for data collection, sharing and analysis. for sharing information
- Development of processes and protocols to monitor Plan implementation

### ***Task 5—Draft IRWMP for Gateway Authority***

The Consultant retained by the Gateway Authority will assist in the IRWMP process will prepare an Administrative Draft IRWMP text for review.

Task 5.1—Prepare Administrative Draft IRWMP

Task 5.2—Review Administrative Draft By Participating Agencies – Gateway Authority

Task 5.3— Gateway Authority Review and Approval of Administrative Draft IRWMP

Task 5.4—Approval by Gateway Authority for Public Release of IRWMP

### **Deliverables:**

- Preparation of an administrative draft Plan, including edits as appropriate after various reviews
- Presentation to Gateway Authority Board
- Provide materials for Board members to brief their respective governing bodies



### ***Task 6—Draft IRWMP for Public Review***

The consultant will prepare a draft IRWMP for public review and incorporate public comment into the IRWMP.

Task 6.1—Public Draft of IRWMP

Task 6.2— Review and Incorporate Public Comments into IRWMP

#### **Deliverables:**

- Post the Draft Plan for a 30-day comment period
- Production of 40 hard copies and 40 DVD's of Draft Plan
- Facilitate two public meetings at the end of the comment period to solicit comments.
- Produce a comments matrix of comments received with associated responses/and or potential solutions for resolving issues
- Review and incorporate public comments into Plan

### ***Task 7—Prepare Final IRWMP***

The consultant will produce the final IRWMP incorporating the Gateway Region participant resolutions and distribute copies to the Gateway Authority and Gateway Region stakeholders.

Task 7.1— Consultant Prepares Final IRWMP

Task 7.2—Adoption of IRWMP by Participating Agencies' Governing Boards

Task 7.3— Final IRWMP Submitted to DWR/SWRCB

Task 7.4—Prepare Copies of Final Report

#### **Deliverables:**

- Facilitation and incorporation of Gateway Region participant resolutions adopting the IRWMP into an appendix to the Plan
- Production an electronic copy and 40 hard copies (professional quality, i.e. color, double-sided, bound, etc). and 40 DVD's of Adopted Plan
- Adopted Plan submitted to DWR/SWRCB pursuant to the guidelines

### **Project Administration and Management**

The consultant will provide for the overall project management outside of the purview of the staff of the Gateway Authority. Activities include:

- Coordinating with Gateway Authority member agencies and other stakeholders
- Providing monthly reports to Gateway Authority member agencies and other interested parties and stakeholders
- Providing quarterly reports to DWR through the Gateway Authority

**Deliverables:**

- Review of all project work
- Coordinating with Gateway Authority member agencies and other stakeholders
- Providing monthly reports to Gateway Authority member agencies and other interested parties and stakeholders
- Providing quarterly reports to DWR through the Gateway Authority

**Project Schedule**

The Gateway Authority estimates an 18 month project duration. For reference, the schedule proposed in the Gateway Region IRWM Planning Grant Application is shown in Section 7 - Grant Application Attachment 5: Schedule (page 73) of the Gateway Region IRWMP Planning Grant Application. The dates shown on this schedule are not valid.