



# Conceptual Outline for 2010-2011 EC Characterization Program

## 1.0 Introduction

- 1.1 Background
- 1.2 Objectives
  - 1.2.1 Identifying Wastewater Contamination
  - 1.2.2 Confirming Treatment Effectiveness
  - 1.2.3 Informing Future Regulatory Priorities
  - 1.2.4 Addressing Public Interest

## 2.0 Sampling

- 2.1 Locations
  - 2.1.1 Imported Water (State Project, Colorado River)
  - 2.1.2 POTWs
  - 2.1.3 Select MS4 Outfalls
  - 2.1.4 Select River Sites (Prado, MWD Crossing)
  - 2.1.5 Select Groundwater Wells
- 2.2 Parameters
  - 2.2.1 Acetaminophen
  - 2.2.2 Carbamazepine
  - 2.2.3 Gemfibrozil
  - 2.2.4 Ibuprofen
  - 2.2.5 Sulfamethoxazole
  - 2.2.6 Atrazine
  - 2.2.7 DEET
  - 2.2.8 1,4-Dioxane
  - 2.2.9 TCEP
  - 2.2.10 Estrone
- 2.3 Frequency

## 3.0 Data Analysis & Reporting

- 3.1 Analytical Methods
- 3.2 QA/QC (DQOs, RDL, Blanks, Spikes, Int. & Ext. Splits)
- 3.3 Data Management, Storage & Access
- 3.4 Reporting

## 4.0 Program Management

- 4.1 Agency Roles and Responsibilities
- 4.2 Schedule (Sampling, Prelim. Data, Peer Review, Final Report, Follow-on)