

I. Purpose of Urban Water Management Plan

Urban Water Management Plan (UWMP). The required contents of the UWMP are set forth in the Act. An UWMP describes and evaluates sources of water supply, projected population and future water demand, demand management measures, strategies for responding to water shortages, and other relevant information and programs.

Under the Act, urban water suppliers are required to update their UWMP and submit a complete plan to the State Department of Water Resources (DWR) every five years. focused the City's efforts to ensure the appropriate level of reliability in its water service to meet the needs of its customers during normal, dry, and multiple-dry water years.

The purpose of a City's UWMP update is not simply to comply with State law and help ensure the efficient use of water resources. The UWMP benefits the City directly by supporting future updates to the City's General Plan.

2. Coordinating Agencies

- Water Agencies Concerned (Public and Private)
- City Government and similar bodies
- Others

3. Factors affecting UWMP

- Population/ Demographics
- Climate Change

4. Water Supply Sources

- Present
- Future
- Potential Sources
- Projections
- Maximum/Minimum

5. **Reliability of Supply**
 - Total Supply
 - Factors affecting Supply Reliability

6. **Water Use by Customer Type**
 - Commercial
 - Residential
 - Others

7. **Water Conservation**
 - Memorandum of Understanding (MOU)/MOA
 - Best Practices

8. **Water Shortage Contingency Planning**
 - Acts
 - Prohibition Acts
 - Penalties
 - Monitoring
 - Revenue Impacts
 - Supply Problems

9. **Recycled Water**
 - Coordination
 - Wastewater Treatment Facilities
 - Future Recycled Water Use

10. **Supply & Demand for Water Service Reliability**

- Normal Year
- Single Dry Year Scenario
- Multiple Dry Year Scenario

11. **Conclusions/Recommendations**

- Audience participation (YOU)

Thank you for your kind attention!

Dr. Olivia la O' Castillo, former UNITED NATIONS SECRETARY GENERAL ADVISORY BOARD MEMBER (20 members led by HM King Willem-Alexander of the Royal Netherlands and HIH Prince Naruhito of Japan, OECD Sec. Gen Angel Gurría, and many other Prestigious individuals from around the Globe); presently UNESCO-Jakarta Senior Consultant