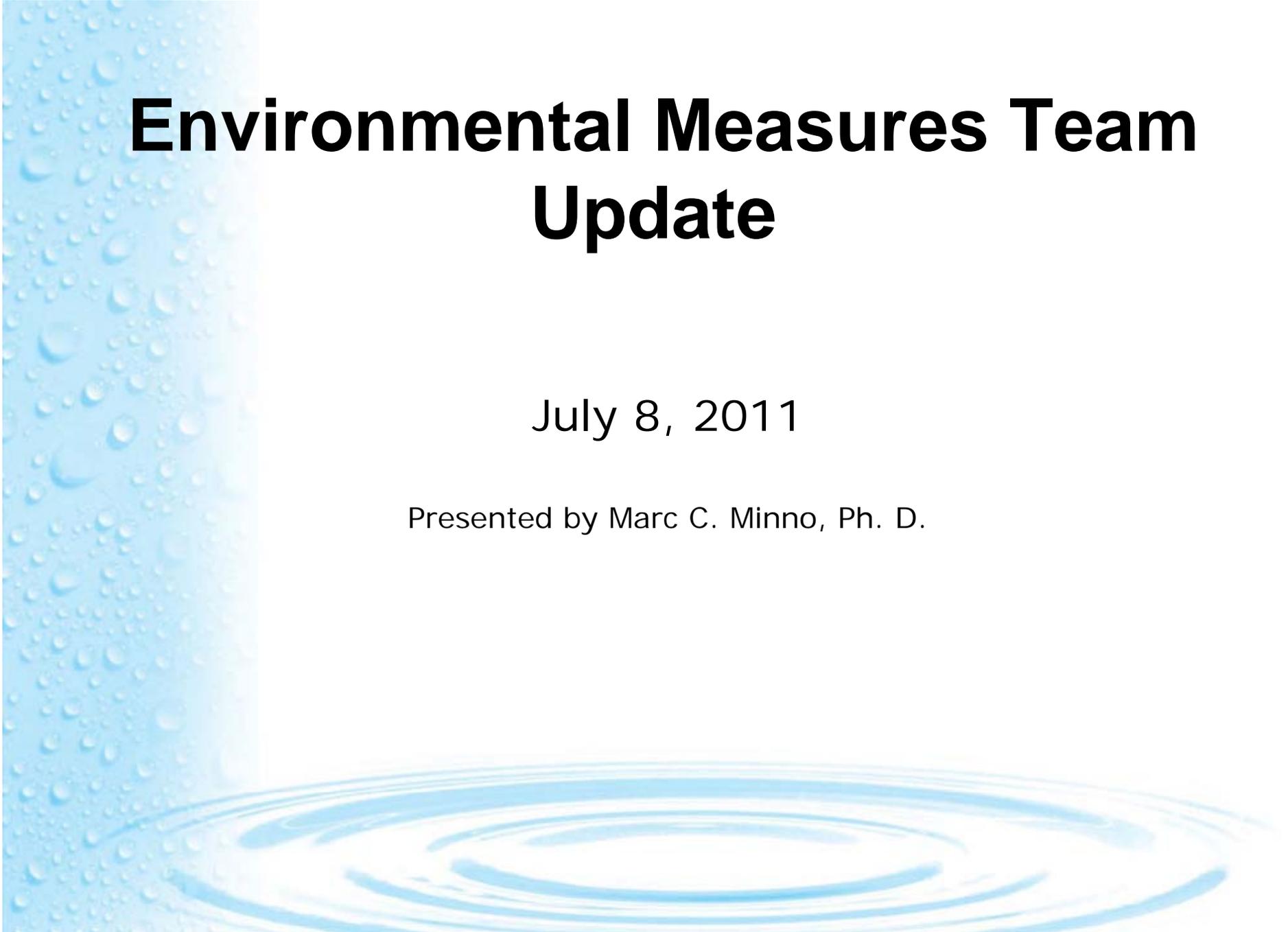


Environmental Measures Team Update

July 8, 2011

Presented by Marc C. Minno, Ph. D.



Environmental Measures Team Representatives

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Environmental Measures Team Goals

The Environmental Measures Team will perform environmental assessments of wetlands and surface waters, and other related work in support of determining sustainable groundwater withdrawals in the CFWA.

The EM Team will also develop definitions and methodologies for use by all three Water Management Districts for implementing environmental review in water supply planning and consumptive use permitting.

Environmental Measures Team Approach

The EM Team will meet on a regular basis to:

- Complete its stated objectives and goals
- Collaborate with and provide expertise on environmental issues to other teams, especially the HAT and MFL teams.

Environmental Measures Team Objectives

The Environmental Measures Team will :

- Develop a definition of hydrologic harm to wetlands and surface waters, uniform to the three Districts in the CFCA
- Evaluate current and future impacts to wetlands and surface waters in the CFCA due to groundwater withdrawals, using appropriate scientific methods
- Develop a unified process for the environmental review of Consumptive Use Permits/Water Use Permits (CUPs/WUPs) in the CFCA

Environmental Measures Team Progress

Meetings Held:

- May 24 and June 29, 2011
- Met with HA Team on June 1, 2011

Progress:

- Working on a unified definition of hydrologic harm to wetlands and surface waters
- Evaluating current and future impacts to wetlands and surface waters in the CFWI area due to groundwater withdrawals, using appropriate scientific methods

Issues for the Steering Committee

Should the EM Team develop a unified definition of harm that would be used in the MFL programs as well as CUP?

Note: The MFL programs have data and metrics specific to certain water bodies, whereas CUP may determine harm in wetlands and surface water without any monitoring data available.

We've had some discussion about including ERP in defining harm as well, but agency staff believe this is beyond the scope of the EM Team.