

# RECLAMATION

*Managing Water in the West*

## **New Melones Reservoir Revised Plan of Operation**

**Water Supply Workgroup  
January 27, 2006**



U.S. Department of the Interior  
Bureau of Reclamation

# Water Supply Workgroup

## Welcome and Introductions

### Meeting Purpose:

- Briefly review the process
- Introduce points of contact
- Describe Products
- Identify issues to address

# **New Melones RPO-What is it?**

**A Plan of Operation specifies how to:**

- Meet regulations**
- Address hydrology**
- Allocate supply**

**Revision may address:**

- Level of risk/drought protection**
- Fishery needs**
- Water quality**
- Reliability**

# **New Melones RPO-Overall Process**

## **New Melones RPO:**

- **Incorporate best available science**
- **Incorporate new information**
- **Account for actions to reduce releases when project decisions are made:**
  - **Recirculation**
  - **BMP Plan for refuges**
  - **Water acquisition**
- **Include transitional operation**

# **New Melones RPO-Overall Process**

## **Long Term Plan (RPO)**

- **Complete 1987 DF&G agreement**
- **Develop flow standard**
- **Incorporate changes**
- **Specify drought risk**
- **Complete 2010-12**

## **Transitional Operation Plan (TOP)**

- **Incorporate new information**
- **Specify drought risk**
- **Complete in 2007**

# **New Melones RPO-Stakeholder Involvement**

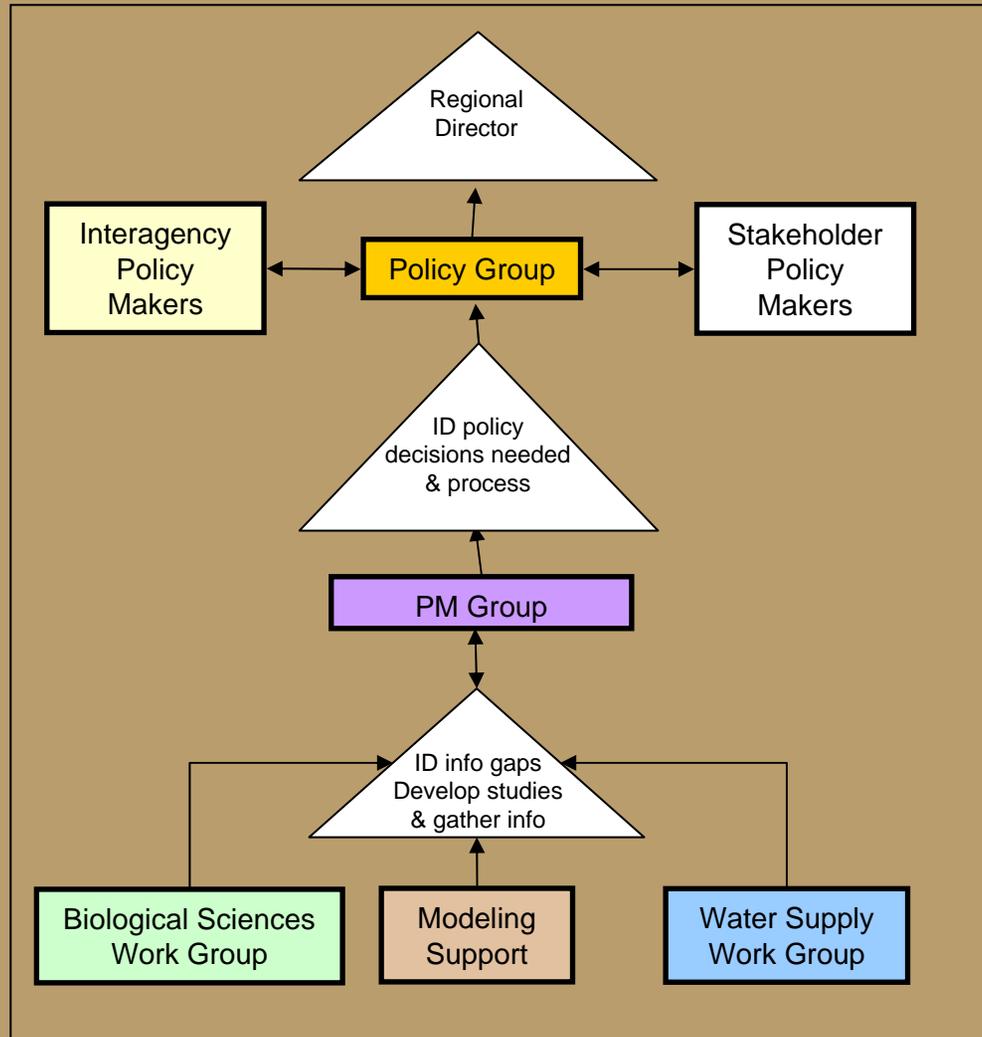
## **Stakeholder Technical Teams:**

- **Biological Sciences Team**
- **Water Supply Team**

## **Stakeholder/Public Involvement:**

- **Periodic management meetings/updates**
- **Regular technical meetings**
- **Share technical information**
- **Receive comment**
- **Propose operations & alternatives for study**
- **Explain implications/impacts on uses**

# New Melones RPO-Organization



# New Melones RPO-Organization

## Contact Information

- Email [2NMRPO@mp.usbr.gov](mailto:2NMRPO@mp.usbr.gov)
- Paul Fujitani, Water Supply Lead
- Ann Lubas-Williams, Modeling Support Lead
- Brian Deason, Biological Sciences Lead
- Michelle Light, Program Manager

# Water Supply Workgroup

## Meeting Structure and Protocols

- Will norms and protocols be needed
- Will facilitation be needed

## Communication and information sharing

- <http://www.usbr.gov/mp/ccaonmrpo>
- [2nmrpo@mp.usbr.gov](mailto:2nmrpo@mp.usbr.gov)

# Water Supply Workgroup

- **Workgroup input to Reclamation**
  - Review of products provided
  - Input on study assumptions
  - Provide information on operating criteria and assumptions
  - Comments on study results

# Water Supply Workgroup

## Products Provided to the Group:

- Technical memos and reports;
- Summary output from operations studies
- Input data and assumptions for studies;
- Electronic output files from operations studies

# New Melones RPO

## Technical Tasks:

- Frame and focus questions
- Instream flows
- Upstream hydrology
- Groundwater modeling
- Updated yield study
- Alternative operations
- Alternative drought risk scenarios

# Analytical Tools

- **CALSIM II – SJR Update**
- **Customized spreadsheets**
- **Stanislaus Hec5Q model for temperature and dissolved oxygen**
- **Undetermined groundwater model**