City of Santa Barbara
Public Works Department

Interoffice Memorandum

DATE: July 14, 2008
TO: Planning Commission
FROM: Bill Ferguson, Water Resources Supervisor

SUBJECT: PLAN SANTA BARBARA - WATER SUPPLY ISSUES
Planning Commission Agenda of July 24, 2008

This Planning Commission discussion item is an update on our planned efforts to develop information in support of Plan Santa Barbara General Plan recommendations to the City Council, provide technical data for the subsequent environmental analysis, and to lay the groundwork for an update of the City's Long-Term Water Supply Program.

Following is a summary of the various technical issues, presented recently to our Water Commission, which we will be addressing through a combination of consultant contracts and in-house staff effort:

- Desalination Facility Rehabilitation
  - Costs, regulatory issues, energy usage, staffing, schedule associated with potential future use of the facility
- Local Surface Water Supplies
  - Assessment of lost storage in reservoirs due to Zaca Fire
  - Analysis of Pass Through Option at Gibraltar to evaluated net loss in Gibraltar yield
- Climate Change Impact Assessment
  - Change in local & statewide hydrology, effects on yield and demand
- State Water Project Reliability Assessment:
  - Current vulnerabilities, future risks (earthquake, floods/levee breaks, environmental limitations and court cases, salinity intrusion to Delta), and opportunities to firm SWP yield
- Recycled Water Expansion Assessment
  - Identify current system constraints, improved water quality options, and scenarios for system expansion
- Conservation Opportunities Assessment:
  - Survey of other progressive programs, data management evaluation, marketing strategies, and target for water savings
- Water Supply Modeling Update
  - Santa Ynez River, groundwater, overall water supply
- Water Demand Factor Update
  - Review water use factors for selected customer groups to assist in projecting demand under various development scenarios

Please feel free to contact me at 564-5571 if there are additional issues or questions your of interest for the meeting.

BF/dm