



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