



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: July 14, 2006

RE: General Information (regarding matters not scheduled on agenda)

Distribution Operations

Water Division staff have been accomplishing water distribution-system maintenance and betterment projects including new office construction, service installations, leak repairs, assisting Power Division and irrigation and domestic distribution system betterments.

The pipeline crew is currently working on a capital improvement project along Old Olive Highway. The project includes the extension of 800 feet of 12-inch water line in the road right-of-way and abandoning a section of old steel line that runs crosscountry and very close to (practically under) a residence. The improvement will eliminate any potential damage to the residence resulting from a failed water line and better prepare for future expansion.

Water Treatment Operations

Water Plant Production:

The MRTP production (system demand) for June was near normal for the recent 5-year period. The cumulative annual production is 90-percent of average for this date. The maximum single day demand was **11.1 MGD** compared to a plant capacity of **14.5 MGD**. This is fairly representative of the current peak value operations where MRTP is pushed to 76-percent of its rated plant capacity. Please reference the attached graph at the end of this report for historical perspective.

Bacteriological requirements were met for the Miners Ranch Treatment Plant, Bangor Treatment Plant, Sly Creek and Strawberry campgrounds.

Miners Ranch June 2006	
Total	257.6 Million Gallons
High	11.1 MGD
Low	6.4 MGD
Avg.	8.6 MGD
Bangor	
Total	0.86 Million Gallons
High	0.07 MGD
Low	0.00 MGD
Avg.	0.03 MGD

Solar Plant Production:

The graph below provides a perspective of energy consumption compared to water production.

