



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: June 11, 2009

RE: General Information (regarding matters not scheduled on agenda)
6/23/09 Board of Directors Meeting

Water Distribution Operations

Water Division staff have been accomplishing water system maintenance and normal operations tasks. Ongoing projects include irrigation and domestic distribution system betterments, new service installations, and leak repairs.

Sand Complaints –

It appears that the Kelly Ridge Road mainline interconnection project (2008) has redirected the flow patterns in the high-service pumped-distribution system (different from the gravity system) enough to have created an unanticipated problem. Field crews have notice an inordinate amount of sand in the system and also there have been a few customer complaints about sand in their services. Investigation of the problem has concluded that operational problems with the old sand filter used at ID1 (20± years ago) injected large quantities of filter media into the distribution system. Over the years most sand has been flushed out but, apparently, significant quantities have accumulated in the water mains running through steep swales. The redirected flow patterns and velocity changes have shifted the settled sand and it is now showing up in the vicinity of Greenbrier Drive in Kelly Ridge Estates.

Staff has been performing has been flushing services and mainlines to address the problem and it appears that most of the old filter media has been flushed out of the system.

Lone Tree Road Mainline Break –

Water distribution crews were called out at 5:30 p.m. on June 10th and found a major pipeline failure on Lone Tree Road and Lone Tree Court. This is an old section of 8" AC pipe with very high pressure and the tee section blew out damaging the road. Crews completed the repairs by 11:30 p.m. with minimal disruption to the remainder of the system and customers. The Agency's experienced and dedicated staff is to be commended for the rapid repair and maintaining superior customer service around the clock.

Question At Last Board Meeting –

An issue at the May board meeting was presented by Ms. Smart concerning the lack of water in the natural swale feeding her pond and irrigation system. Attached is a copy of the response that was sent Ms. Smart and her son as a result of the subsequent investigation.

Irrigation System Releases –

Forbestown Ditch SF 14 = 13 cfs
 SFWPA = 10 cfs
 NYWD = 3 cfs
 Bangor Canal SF 25 = 8 cfs
 Palermo Canal = 8 cfs

Water Treatment Operations

All bacteriological requirements were met for the Miners Ranch Treatment Plant, Bangor Treatment Plant, Sly Creek Campground and Strawberry Campground.

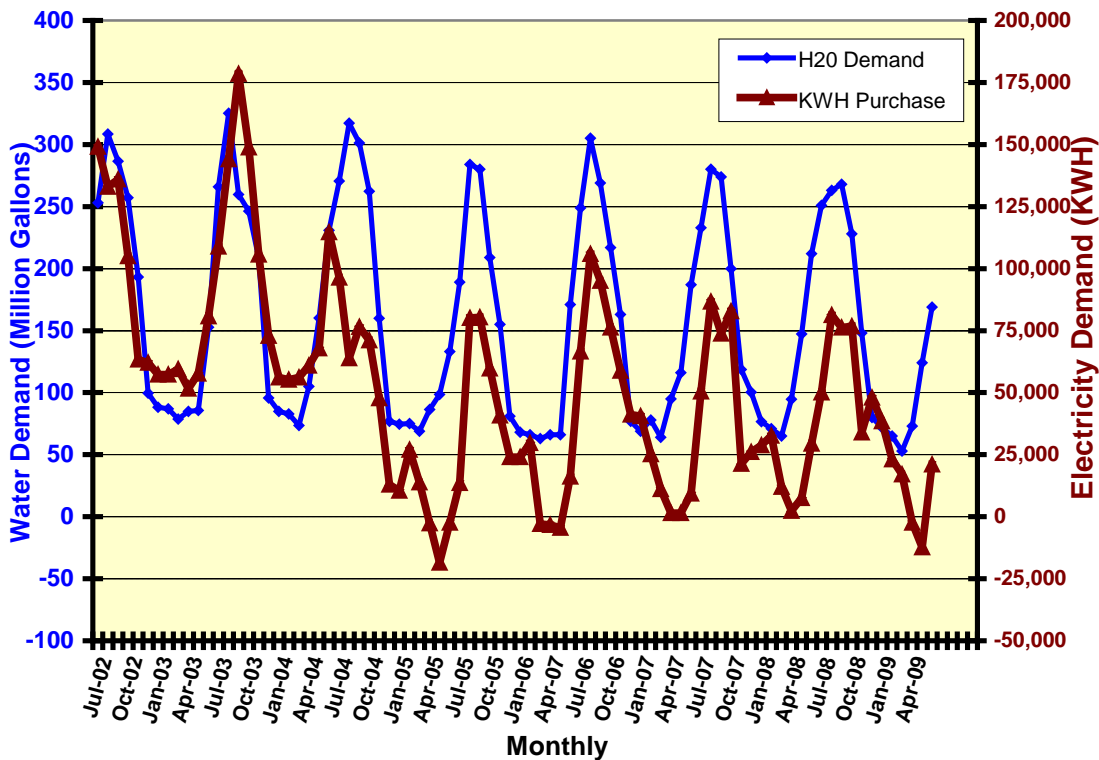
Miners Ranch Production	
Total	176.0 Million Gallons
High	7.5 MGD
Low	2.7 MGD
Avg.	5.7 MGD

The 2009 cumulative MRTP water production through May is approximately 96% of the recent 5 year average.

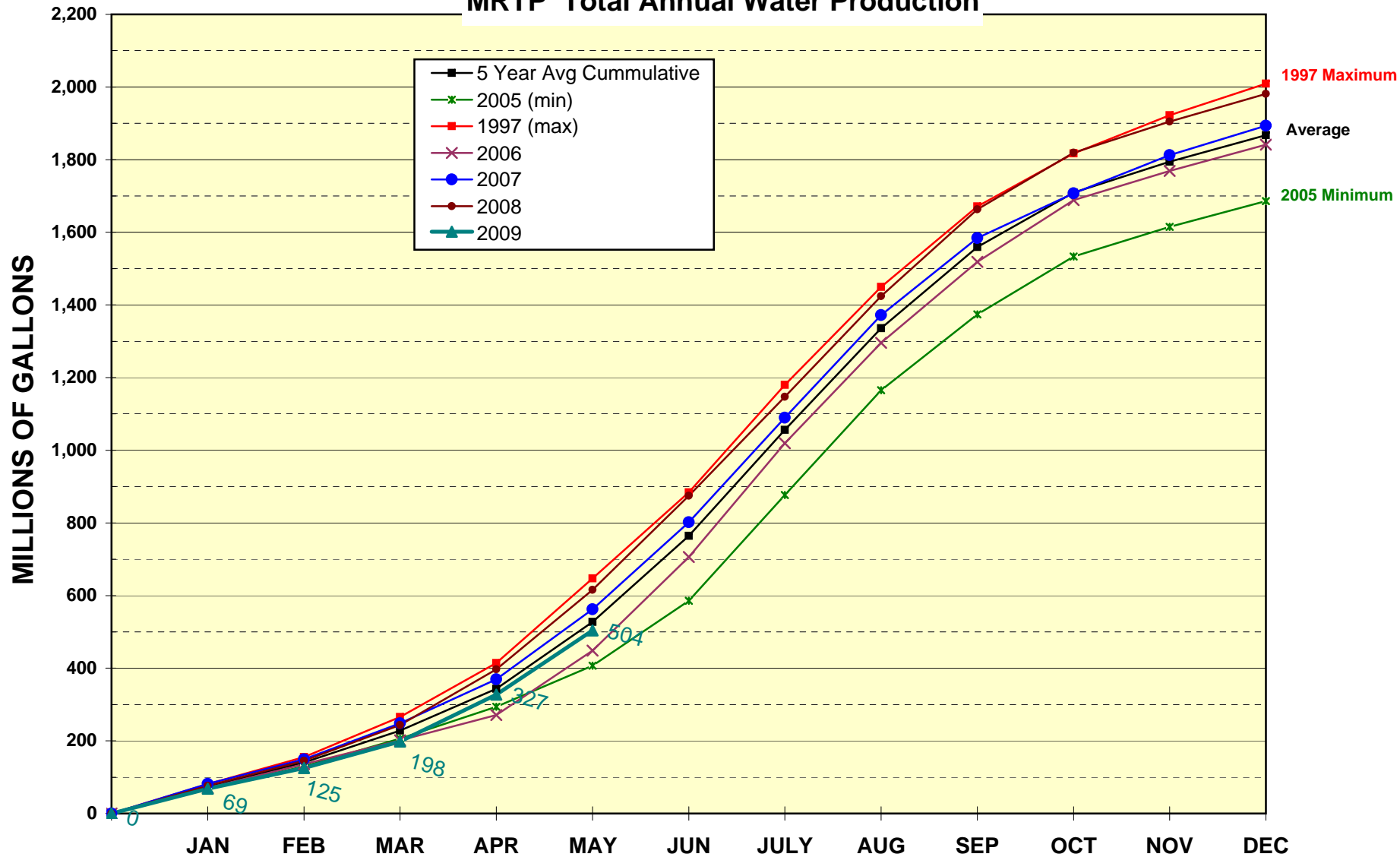
Solar Plant Production

The monthly power consumption exceeded the solar power production by 21,000 KWH during the month on May. The graph below provides a historical perspective of energy consumption compared to water production.

**Miners Ranch Water Treatment Plant
 Monthly Water Production VS: KWH Purchased**



M RTP Total Annual Water Production





June 2, 2009

Everett Smart and Dolly Smart
351 Mount Ida Road
Oroville, California 95966

Dear Mr. Smart and Ms. Smart

Thank you for taking your time to share with the Board of Directors and management of South Feather Water & Power Agency your concern regarding decreasing water flowing through your property at the above address. I have taken the opportunity to inspect the area and have concluded that there is likely a decreasing amount of uncontrolled irrigation system seepage from the Agency's Palermo Canal located to the east of your property and east of Oakvale Avenue.

Periodically, SFWPA performs routine irrigation-system maintenance with the objective to more efficiently distribute water throughout the system. This maintenance includes aquatic weed abatement, mechanical ditch cleaning, and leak repairs. In the winter and early spring of 2009 our crews performed maintenance work on the Palermo Canal east of Oakvale Avenue. This maintenance likely reduced (but not eliminated) the uncontrolled spills of the Palermo Canal that have previously reached your property by way of a natural channel.

Water management in California will continue to be highly scrutinized by regulatory agencies and uncontrolled spills, leaks, and seepage that reduces efficiency could possibly subject the Agency to punitive action in the future.

SFWPA has ample water available for its customers, and we would be happy to provide you an estimate of cost to install a service for you to ensure that your water needs are met.

Sincerely,
South Feather Water and Power Agency

Matt Colwell

c: Board of Directors
Michael Glaze, General Manager

A Public Agency formed pursuant to Water Code § 20500 *et seq.* Formerly: Oroville-Wyandotte Irrigation District

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