



## *SOUTH FEATHER WATER & POWER AGENCY*

---

**TO:** Board of Directors

**FROM:** Matt Colwell, Water Division Manager

**DATE:** April 15, 2010

**RE:** General Information (regarding matters not scheduled on agenda)  
4/27/10 Board of Directors Meeting

### **Water Distribution Operations**

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

### **M RTP Filter #3 Rebuild**

For the past month a significant effort from Water Division staff has been directed towards the rebuilding of filter #3. The filter has been out of service for the past three months and has been undergoing a retrofitting of the new underdrain system. On March 29<sup>th</sup> the new underdrain system was received, and on April 5 the manufacturer's representative arrived to assist with more precise and critical filter modifications. On April 15, filter #3 was placed back on line and has already shown improvements in operational efficiencies. This superior underdrain system will be the standard for the five other filter underdrain systems. The manufacturer representative repeatedly expressed how impressed he was with the skills



and abilities of SFWPA staff. I would like to once again commend the water distribution crew and the treatment plant operators for a fantastic job-well-done.

The Agency irrigation system current releases are:

**Forbestown Ditch** SF 14 = 0 cfs  
 SFWPA = 0 cfs  
 NYWD = 0 cfs  
**Bangor Canal** SF 25 = 5 cfs  
**Palermo Canal** = 1 cfs

Currently NYWD is operating their irrigation system from natural runoff. SFWPA Forbestown ditch system will be dedicate to operate on April 28 depending on demand requests.

### Water Treatment Operations

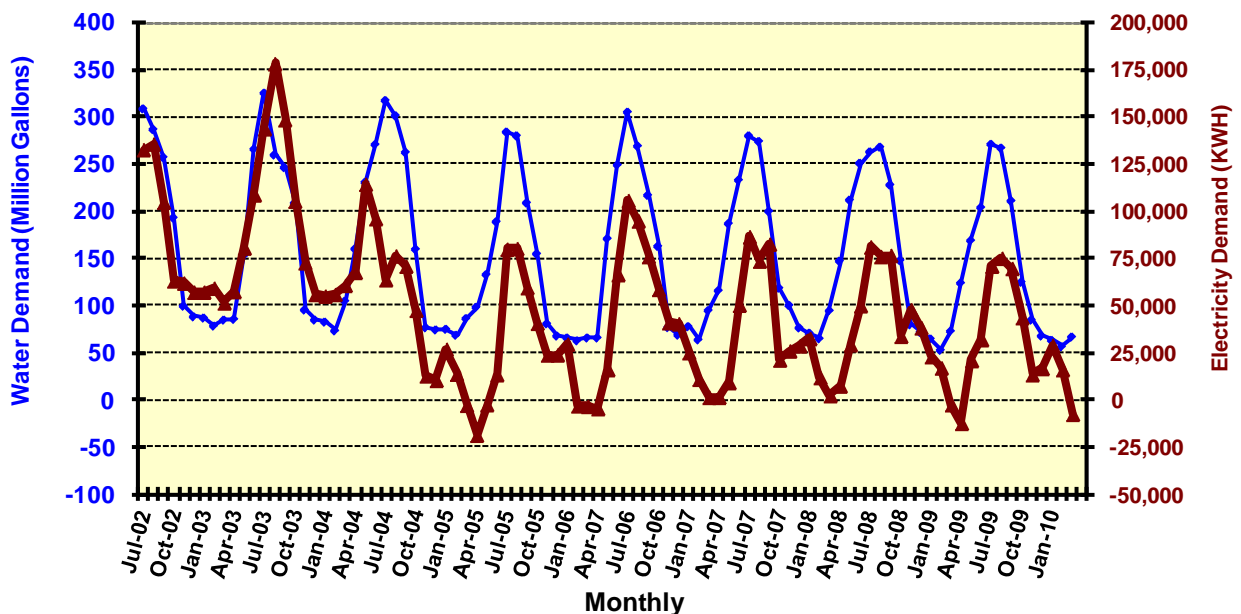
The Miners Ranch water treatment plant volumes for 2010 continue to run below average as a result of wetter than normal precipitation. The cumulative January through March volume is at 88 percent of the recent 5 year average. The table at right shows the monthly minimum and maximum flow rates. The chart at the end of this report shows the cumulative data.

Miners Ranch Production	
March 2010	
Total	70.2 Million Gallons
High	2.8 MGD
Low	1.9 MGD
Avg.	2.3MGD

### Solar Plant Production

The monthly MRTTP power consumption was less than the solar power production by 7,500 KWH during the month of March. 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**



# MRTP Total Annual Water Production

