



## *SOUTH FEATHER WATER & POWER AGENCY*

---

**TO:** Board of Directors

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

**DATE:** October 22, 2009

**RE:** General Information (regarding matters not scheduled on agenda)  
10/27/09 Board of Directors Meeting

### Water Distribution Operations

The 2009 irrigation season has basically concluded and field operations are focusing on irrigation ditch maintenance. Currently the crew is brushing, clearing, and repairing flumes on the Upper Forbestown Ditch. There are a couple of large trees that require special considerations and caution for removal to prevent any further damage to flumes.

The reduced demand period has provided the opportunity for the Department of Water Resources to shut off flow to the Palermo Canal and inspect the outlet structure. The required shut down is anticipated for approximately three days to inspect the outlet works, including the 12" fixed cone dispersion valve. There is some uncertainty if an additional shutdown at a later date will be required for additional maintenance and repair.

The Irrigation system current releases are:

<b>Forbestown Ditch</b>	SF 14 = 0 cfs
	SFWPA = 0 cfs
	NYWD = 0 cfs
<b>Bangor Canal</b>	SF 25 = 7 cfs
<b>Palermo Canal</b>	= 0cfs

On the domestic system it is worth noting that there has been an increase in mandatory backflow installations on reactivated accounts that have been shut off for sixty days or more. This appears to mark a turn-around in home sales of long-term listings or foreclosed properties.

### Water Treatment Operations

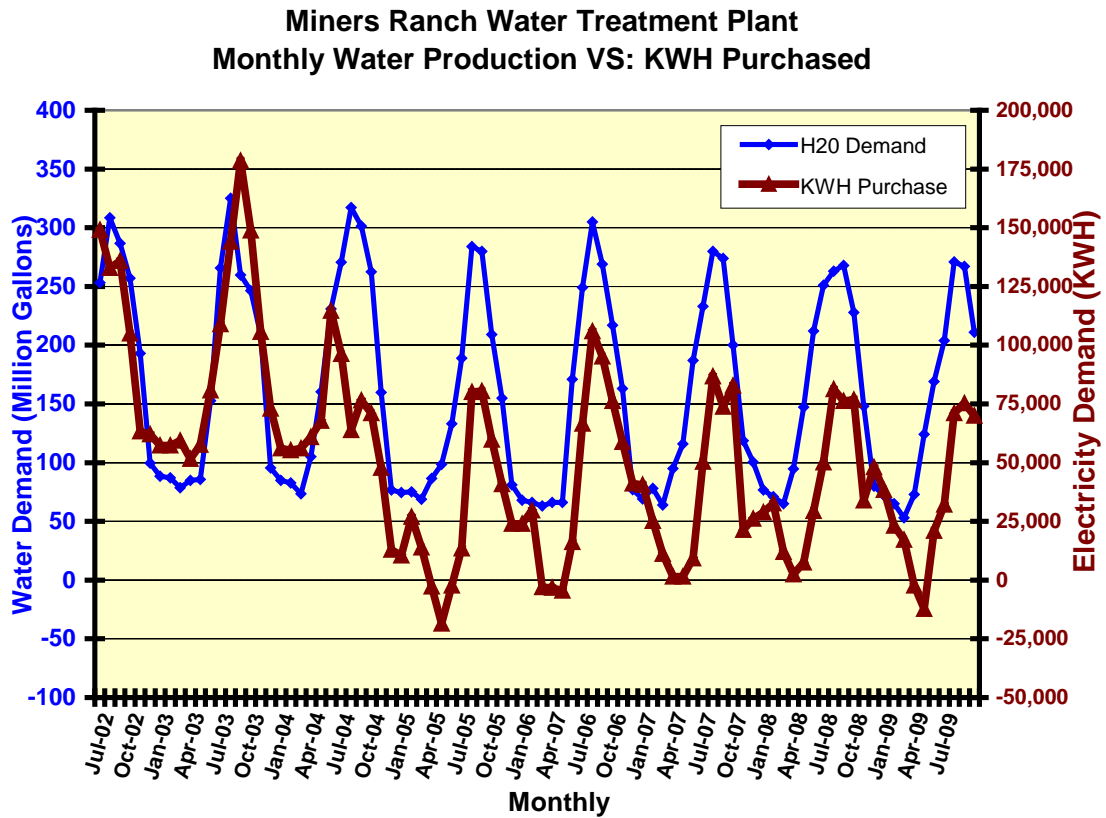
The distribution crew transported approximately 44 tons of backwash sludge to a landfill near Wheatland. This annual accumulation of fine filtered particulate appears to be normal.

Miners Ranch		September 2009	
Production			
Total		224.0 Million Gallons	
High		8.6 MGD	
Low		4.9 MGD	
Avg.		7.5 MGD	

The 2009 cumulative MRTTP water production through September is approximately 96% of the recent five-year average. The total monthly water production for September was at about 100% of the recent five-year average.

### Solar Plant Production

The monthly MRTTP power consumption exceeded the solar power production by 69,900 KWH during the month of September. The graph below provides a historical perspective of energy consumption compared to water production.



### M RTP Total Annual Water Production

