



## *SOUTH FEATHER WATER & POWER AGENCY*

---

**TO:** Board of Directors

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

**DATE:** January 20, 2010

**RE:** General Information (regarding matters not scheduled on agenda)  
1/26/09 Board of Directors Meeting

### **Water Distribution Operations**

In addition to the normal service installations, leak repairs, and ditch maintenance, the distribution crews have continued to perform isolation and pressure reducing valve maintenance activities. At this writing there have been no significant issues with the storm weather on the ditch system, although the ditch tenders are patrolling the system and diligently discharging the excessive runoff. Significant manpower is dispatched to clear branches, debris, trees, and mudslides from the ditch system after the storms pass.

On Tuesday, January 12<sup>th</sup>, Rick McCullough (irrigation foreman) met with representatives from Butte County Resource Conservation District and the California Conservation Corp at Lake Wyandotte to address the illegal dumping of cars, boats, appliances and other junk that has been ongoing despite many efforts to prevent access to the area. The dumping is primarily occurring on adjacent parcels and has been an issue for the Agency and County Public Works. The RCD is pursuing a grant to facilitate cleanup and will be submitting the application within a couple of weeks after the scope of the problem is identified on multiple areas throughout the County.

The Agency 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 = 5 cfs
	<b>Palermo Canal</b>	= 1 cfs

The Palermo Canal is scheduled to be shut down January 26 through 29 to accommodate a Remote Operated Vehicle inspecting the intake of the outlet works.

### **Water Treatment Operations**

The MRTP Filter #3 rehabilitation project is ongoing. Information will be presented at the board meeting about how the project is progressing and what should be anticipated when it is completed.

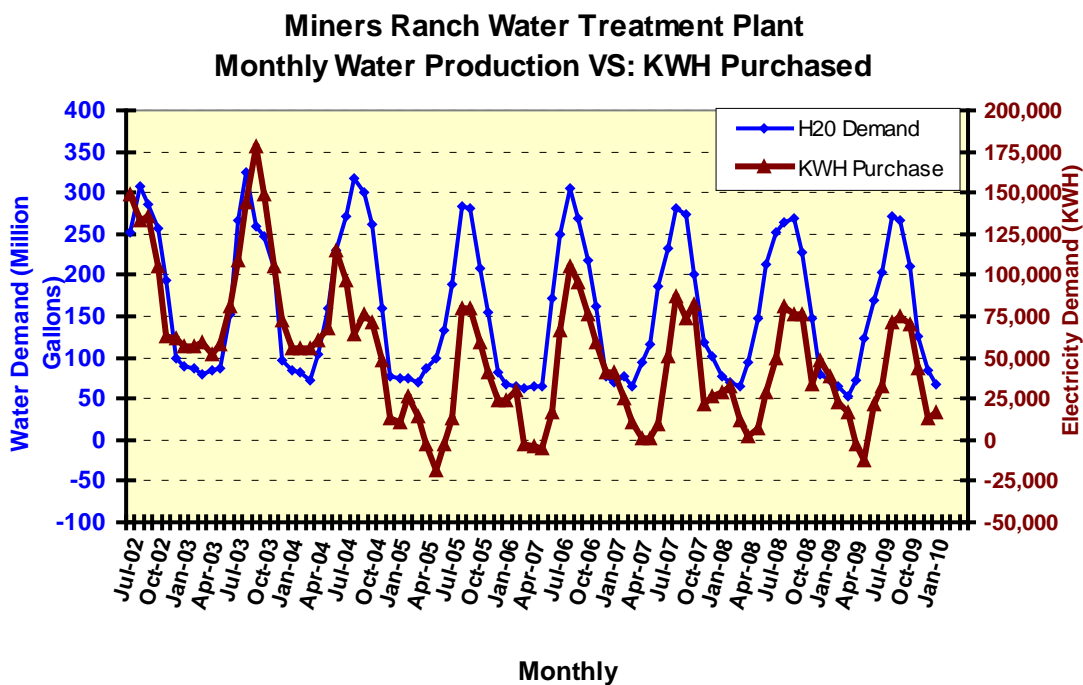
M RTP operators are anticipating and monitoring the increased turbidities in the raw water influent created by the January 17-21 storm.

The cumulative M RTP water production for calendar year 2009 is approximately 1.789 billion gallons of water (96% of the recent 5 year average). The total monthly water production for December was near normal. The table at right and the graph below provide additional historical data.

Miners Ranch Production		December 2009	
Total		72.9 Million Gallons	
High		3.3 MGD	
Low		2.1 MGD	
Avg.		2.4 MGD	

### Solar Plant Production

The monthly M RTP power consumption exceeded the solar power production by 16,800 KWH during the month of December. The graph below provides a historical perspective of energy consumption compared to water production.



# M RTP Total Annual Water Production

