



## ***SOUTH FEATHER WATER & POWER AGENCY***

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**TO:** Board of Directors

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

**DATE:** March 19, 2009

**RE:** General Information (regarding matters not scheduled on agenda)  
3/24/09 Board of Directors Meeting

### **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. A crew of three or four has been assisting power division and PG&E with the dredging/excavating of Forbestown reservoir.

The 2009 irrigation season will begin in the early part of April. The actual date will be coordinated with customer demands and North Yuba Water District to assist in efficient operations on the Forbestown ditch.

### **MRWTP Expansion Project**

Workshop No. 2 for the Miners Ranch Water Treatment Plant (MRWTP) Expansion Project was held at MRWTP on March 5, 2009. In attendance from the Agency were representatives from management, operations, safety and compliance, and construction. The objectives of the Workshop were to:

- Review treatment goals and alternatives
- Discuss advantages and disadvantages of alternatives
- Select treatment plant improvements to expand capacity and meet anticipated regulations
- Confirm implementation schedule

The Agency representatives and CDM discussed and evaluated the alternatives provided in the draft Technical Memorandum No. 2 (TM2). The Agency and CDM agreed to the following summarized improvements:

- Convert to Direct Filtration.
- Add two filters.
- Convert to UV disinfection (on clearwell discharge)
- Construct a conventional treatment train with 6 mgd capacity with plate settlers.
- Expand raw water pump station with one 8.5 mgd pump.
- Construct a second washwater basin.
- Construct a second sludge drying pond to increase sludge handling capabilities.

The final TM2 that is anticipated at the end of the month will further describe the alternatives. A final summary report and implementation plan is anticipated by the end of April, being the completion of Phase 1 of the project. The overall plant expansion project is on track to be completed well before Fall 2013.

**Water Treatment Operations**

MRTTP operations continue to run very smoothly and seamlessly despite the extended absence of Jim Coffelt, Plant Superintendent. John Shipman, Senior Plant Operator has been doing a very good job maintaining plant operations and compliance monitoring.

Due to above average precipitation, the January and February water demands were reduced to 88% of the recent cumulative averages.

Miners Ranch Production		February 2009
Total		56.4 Million Gallons
High		2.4 MGD
Low		1.5 MGD
Avg.		2.0 MGD

**Solar Plant Production**

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

