



SOUTH FEATHER WATER & POWER AGENCY

TO: Board of Directors

FROM: Matt Colwell, Water Division Manager

DATE: January 17, 2007

RE: General Information (regarding matters not scheduled on agenda)
1/23/07 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; minor office maintenance projects, new service installations, and leak repairs.



During extended inspection of the Bangor Canal, Dennis Vincelet identified a failed section of the 30-inch siphon that spans nearly 2,500 feet across North Honcut Ravine. The images above and left show how the siphon shifted downhill, pulling apart restrained pipe sections approximately 5 inches to a point of near separation. The siphon was de-watered and the exposed joint was banded and welded.

The extreme cold weather caused approximately 20 after-hour call outs. Almost all were out of water due to frozen pipes.

Water Treatment Operations

The picture below identifies Rob Wilcox and

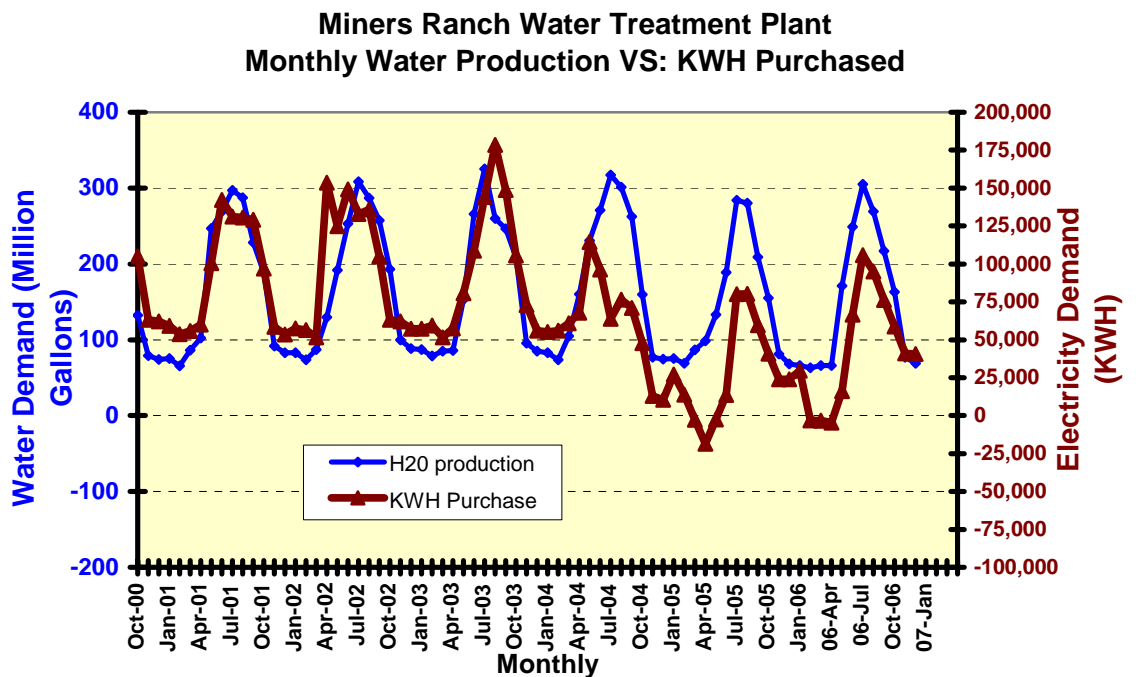
Rex Carbah, treatment plant operators, washing the backwash water settling basin. The filter backwash sludge is washed to the sludge drying basin and eventually hauled to a landfill in Yuba City. In 2006 we produced 1.8 billion gallons of treated water and hauled 69,000 lbs of dry sludge accumulated from 613 filter backwashes.



The treated water production at MRTP for December was near normal for the recent 5-year period. The 2006 cumulative annual production is slightly below average at 97-percent. Please reference the attached graph at the end of this report for historical perspective.

Solar Plant Production

December MRTP energy consumption exceeds solar energy production by 40,500 kWh. The graph at right provides a perspective of energy consumption compared to water production.



M RTP Total Annual Water Production

