

**From:** Richard Latteri  
**To:** jboyer@tenaska.com  
**CC:** Paul Marshall; Steve Munro  
**Date:** 6/29/2009 4:46 PM  
**Subject:** HDPP Amendment Data Requests  
**Attachments:** S&W-DR.doc

Jon,

Our conference call today was productive. I've attempted to craft the following data requests to allow the project owner to tell us (CEC) how they wish to design and operate the HDPP to use tertiary treated recycled water. The proposed use of tertiary treated recycled water to offset SWP water is supported 100% by the CEC, and the CEQA analysis will likely show that its use has beneficial effects.

The CEQA analysis is only one part of my evaluation. The LORS and water supply analysis are also required, which is the reason that the technical information is needed. Because of the large volume of information already supplied, I may be asking for information that has already been provided. Your re-submittal of previously supplied information in the format I am requesting will assist me in completing my assessment.

Thanks,

Richard Latteri  
Water & Soil Resources Unit  
California Energy Commission  
916.651.8859  
[rlatteri@energy.state.ca.us](mailto:rlatteri@energy.state.ca.us)

**DATA REQUEST**  
**Prepared by Richard Latteri**  
**June 29, 2009**

**Follow up Data Requests for the June 4, 2009, Petition for Modification to use Reclaimed Water at the High Desert Power Project (HDPP).**

**Note – tertiary treated recycled water is used in the following data requests due to the health and safety requirement that tertiary treated recycled water be used in evaporative cooling towers and to differentiate its use from secondary treated recycled water which can also be identified as reclaimed water.**

1. Please provide a will serve letter from the City of Victorville (City) for the supply and delivery of tertiary treated recycled water from the Victor Valley Regional Wastewater Treatment Plant (VWWT). Within the will serve letter, please provide the average and maximum delivery rate in gpm and annual volume in acre-feet per year (AFY) to meet HDPP's water supply needs and to determine the treatment requirements for the conversion to 100% tertiary treated recycled water.
2. Please provide a copy of the water supply agreement/contract with the City for the supply and delivery of raw water to the HDPP.
3. In tabular format, please provide the City's long-term (25 to 30 years) supply and demand forecast for tertiary treated recycled water in AFY. Please list separately all current and expected tertiary treated recycled water production facilities, all current and future tertiary treated recycled water customers, and a discussion of the tertiary treated recycled water supply reliability based on those supply and demand projections.
4. Please provide the preferred timeframe for conversion to 100% tertiary treated recycled water for HDPP cooling and a discussion of the conversion process/tasks required to be completed before 100% conversion can occur.
5. Please provide a water characteristic table that compares the constituents of the SWP raw water supplied by the City to the proposed tertiary treated recycled water from the VWWT. All SWP water constituents will be included in the table as well as those tertiary treated recycled water constituents that are not found in SWP water but would require additional treatment prior to use as HDPP cooling water.
6. Please provide a revised Figure 1 that shows the new wastewater treatment plant that is currently under construction, the proposed route and interconnection point of the new tertiary treated recycled water pipeline, and the existing raw water (SWP water) supply pipeline and its interconnection to the HDPP facility.
7. Please provide a discussion of the delivery capabilities (maximum flow rate and volume) of the proposed 18-inch diameter pipeline and whether the proposed interconnection to the City's existing 16-inch diameter tertiary treated recycled water pipeline would restrict those capabilities.

8. Please provide new text for a modified Condition of Certification **SOIL&WATER-4** that is based on the operational and supply constraints of banking excess SWP water and the diminished need for banking when tertiary treated recycled water is available. Please propose an injection schedule that provides the desired level of water supply reliability and strikeout those requirements that are no longer relevant or achievable based on current and expected SWP deliveries. Please propose new verification text that provides a mechanism for forecasting and reporting the volume of water to be banked based on the Mojave Water Agency's final SWP water allocation.
9. Please provide proposed modifications or deletion to any of the remaining conditions of certification that would be affected by the use of tertiary treated recycled water.