

**From:** "Mary Dellavalle" <MDellavalle@waterboards.ca.gov>  
**To:** <Jkessler@energy.state.ca.us>, <Mward@energy.state.ca.us>  
**Date:** 5/23/2007 9:10 AM  
**Subject:** Requests for data for Victorville 2 Hybrid Power Project (07-AFC-1)  
**Attachments:** Mary Dellavalle.vcf

**CC:** <etownsen@energy.state.ca.us>  
Hi John and Misa,

<b>DOCKET</b> <b>07-AFC-1</b>	
<b>DATE</b>	<b>MAY 23 2007</b>
<b>RECD.</b>	<b>MAY 24 2007</b>

Thank you for providing us with the opportunity to submit our data requests. I outlined our concerns below.

1. Treated wastewater from VVWRA WWTP will be used for cooling and steam generators. How will diversion of treated wastewater that was formerly discharged by VVWRA affect the wetlands in the Mojave River or elsewhere?
2. The project will be evaporating water that had been used to recharge ground water. This evaporation will be permanently removing large quantities of water from the watershed. How will this affect the hydrology of the watershed? How will it affect the quality of water as the hydrology changes? How the impacts accumulate over time?
3. The report mentioned that water would be used as a coolant. Are alternative coolants available? If so, please evaluate the feasibility and impacts of using alternative coolants and technology.
4. The project will affect drainages and swales that currently cross the site. How will the flows that currently cross the site through these features be managed in the future? How will the loss of beneficial uses of these features such as water quality enhancement, infiltration, groundwater recharge, and flood water attenuation be impacted? What alternatives could be used to avoid and minimize these impacts? What in-kind measures will be used to mitigate for these impacts?
5. How will the loss of pervious surface be minimized and mitigated? Will use of pervious surfaces such as porous cement, pavers, or gravel be used where feasible? What measures will be used in infiltrate rainwater on site?
6. If soil stabilizers are to be used, do they have the potential to leach into rainwater? If so, what measures will be used to protect the quality of ground water and rainwater runoff?
6. How will potential spills be prevented, contained and cleaned?

We look forward to working with you on this project. Please feel free to contact me at (760) 241-7365, Judy Keir at (760) 241-7365, Cindi Mitton at (760) 7413, or Mike Plaziak at (760) 7404.

Mary

..\..\Mary\Drafts\Requests for data for Victorville 2 Hybrid Power Project.doc

Mary Dellavalle  
Environmental Scientist  
California Regional Water Quality Control Board  
Desk (760) 241-7365 Front Office (760) 2416583 FAX (760) 241-7308