

## DOCKETED

<b>Docket Number:</b>	08-AFC-09C
<b>Project Title:</b>	Palmdale Energy Project (Formerly Palmdale Hybrid Power Plant) - Compliance
<b>TN #:</b>	211150
<b>Document Title:</b>	County Sanitation Districts of Los Angeles County Will Serve Letter for Palmdale Energy Project
<b>Description:</b>	N/A
<b>Filer:</b>	Marie Fleming
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# COUNTY SANITATION DISTRICTS OF LOS ANGELES COUNTY

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GRACE ROBINSON HYDE  
Chief Engineer and General Manager

April 19, 2016

Mr. Thomas Johns  
Palmdale Energy, LLC  
801 Second Avenue, Suite 1150  
Seattle, WA 98124

Dear Mr. Johns:

### **Will Serve Letter for the Palmdale Energy Project**

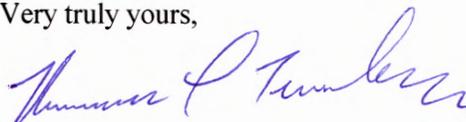
This letter is in response to your recent request for a will serve letter for the subject project for sanitary sewer service. The proposed power plant is located within the jurisdictional boundaries of County Sanitation District No. 14 of Los Angeles County (District) at the southeast corner of Sierra Highway and Columbia Way/Avenue M. Based on the estimated wastewater flow and quality data provided, the District is currently able to accept the wastewater generated by the Palmdale Energy Project, which intends to connect to the City of Lancaster sanitary sewer system. We offer the following specific comments regarding sewerage service:

1. The wastewater generated by the proposed project will be treated at the Lancaster Water Reclamation Plant (WRP), which has a capacity of 18 million gallons per day (mgd) and currently processes an average flow of 13.2 mgd.
2. The proposed project will require a District's Industrial Wastewater Discharge Permit. Project developers will be required to forward copies of final plans and supporting information for the proposed project to the District for review and approval before beginning project construction. Connection fee charges will be determined by the Industrial Waste Section. For additional information on this permit, please go to [http://www.lacsd.org/wastewater/industrial\\_waste/permit.asp](http://www.lacsd.org/wastewater/industrial_waste/permit.asp). For more specific information regarding this permit, please contact the District's Industrial Waste Section at (562) 908-4288, extension 2900.
3. The proposed industrial wastewater discharge includes reverse osmosis reject from the demineralizer that is expected to contain a high concentration of salts. The District's Lancaster WRP does not have any treatment facilities designed to remove salt. If future regulatory requirements on the discharge or reuse of recycled water from the Lancaster WRP include limits for salts, you may be required to reduce the level of salts in your discharge or pay additional fees to cover your proportionate share of our additional costs to remove and dispose salt.
4. The proposed project's industrial wastewater will be discharged to a local sewer located near the intersection of Columbia Way/Avenue M and Fourth Street East. The City of Palmdale has confirmed that the local sewer has sufficient capacity to accommodate the proposed discharge. This sewer flows east along Columbia Way/Avenue M for about two miles and then connects to the District's Trunk "C" Trunk Sewer at a manhole located just east of Columbia Way/Avenue M and 25<sup>th</sup> Street East. This trunk sewer has a maximum conveyance capacity of approximately 1,600 gallons per minute (gpm) and the most recent measured peak flow rate in this sewer is approximately 250 gpm.

5. In order for the District to conform to the requirements of the Federal Clean Air Act (CAA), the design capacities of District wastewater treatment facilities are based on the regional growth forecast adopted by the Southern California Association of Governments (SCAG). Specific policies included in the development of the SCAG regional growth forecast are incorporated into clean air plans, which are prepared by the South Coast and Antelope Valley Air Quality Management Districts in order to improve air quality in the South Coast and Mojave Desert Air Basins as mandated by the CCA. All expansions of District facilities must be sized and service phased in a manner that will be consistent with the SCAG regional growth forecast for the counties of Los Angeles, Orange, San Bernardino, Riverside, Ventura, and Imperial. The available capacity of District treatment facilities will, therefore, be limited to levels associated with the approved growth identified by SCAG. As such, this letter does not constitute a guarantee of wastewater service, but is to advise you that the District intends to provide this service up to the levels that are legally permitted and to inform you of the currently existing capacity and any proposed expansion of District facilities.

If you have any questions, please contact me at (562) 908-4288, extension 2701.

Very truly yours,



Raymond L. Tremblay  
Department Head  
Facilities Planning

RLT:MG:ddg

cc: Gordon Phair, City of Palmdale  
Michael Mischel, City of Palmdale