

From: Gary Beers
To: Adams, Joby
Date: 4/30/2010 1:15 PM
Subject: GreenBack Shaeffer Ranch: Produced Water Treatment Plant - Need for additional information

Joby,

We received the application for a certification under the general permit covering produced water discharges and have some questions.

(1) Cover letter indicates inorganic and organic analyses of untreated produced water are enclosed. Only a single page of organic analyses (on January 28 2010 sample) was enclosed. Are there additional analyses of the untreated produced water ?

(2) Additional clarification is needed on the nature of the water to be discharged to the drainage on the Shaeffer Ranch. Assuming the RO concentrate is routed to the lined pond - is the discharge the finished water from the RO unit ? It is important that the chemical profile of this treated water be, also, furnished in the application and be based on the treatment technology that will be used. Will you provide such information, including standard parameters (i.e., pH, TSS, oil grease, compounds detected at elevated levels in the raw produced water, etc.) ? I do need to confirm that the discharge will comply with our surface water quality standards upon discharge before I can issue the certification.

Based on the information discussed during our meeting several months ago (with Solid Waste staff) and the information provided in the application, I do not expect significant problems in the preparation of this certification - if the above additional information is submitted.

Thanks

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