JANICE K. BREWER

Governor

SANDRA A. FABRITZ-WHITNEY

Director

ARIZONA DEPARTMENT OF WATER RESOURCES

3550 North Central Avenue, Second Floor
PHOENIX, ARIZONA 85012-2105

(602) 771-8500

Via electronic mail

October 13, 2011

Erin Young, RG
Fluid Solutions
2727 North Third Street, Suite 300
Phoenix, AZ 85004

Re: Application for a Designation of Adequate Water Supply
Pueblo del Sol Water Company (DWR No 40-700705.0000)
Administrative Completeness Review

Dear Ms. Young:

The Arizona Department of Water Resources (Department) received your application for a Designation of Adequate Water Supply on June 23, 2011. During the Department's administrative review, it was determined that your application was incomplete. Please provide the following items to the Department:

Proof of physical availability. Please submit a hydrologic report that accurately describes the hydrology of the affected area, as specified in the instructions. The report should demonstrate that sufficient groundwater is physically available to supply the proposed subdivision for the next 100 years. The most current guidelines for hydrologic studies are available at the Department's Web site, www.azwater.gov/ .

Specifically, the application submitted by Fluid Solutions will be revised and the total demand re-evaluated by the Department and the consultants. Because there is a significant difference between the water demand initially submitted and what was recalculated, the Department requires the model simulation to reflect the new total demand of 6,323 acre-feet/year. In order to simplify the process the Department has the following recommendations:

1. A first 100-year simulation should be run using the same conditions created for the transient calibration. The pumping simulated for this simulation should include all the approved demand for the modeled area. The results of the simulation should be presented in a map showing the water level elevation, a second map showing the depth to static water level, and a third map showing the drawdown after 100 years. The input and output components of the budget should be presented in a spreadsheet file.

2. The second 100-year simulation should be identical except the pumping file. The new pumping should reflect the additional volume required by the applicant. The results of the simulation should be presented in a map showing the water level elevation, a second map showing the depth to static water level, and a third map showing the drawdown after 100 years. The input and output components of the budget should be presented in a spreadsheet file.

3. Both sets of maps should have a regional and a local component.

4. The data for both sets of model runs and the files from the transient calibration should be submitted in electronic format.

5. The simulation submitted with the application does not include all the approved pumping for the modeled area. The Department will provide a spreadsheet including all the approved pumping. (see attachment)

6. The pages of the Designation of Adequate Water Supply that contain demand figures should be revised.

Before commencing the new modeling work, a meeting with the Department is highly recommended.

Please submit the requested information to the Office of Assured and Adequate Water Supply within 60 days of this notice. The Department's review of your application has stopped and will resume when we receive the missing items. If you do not respond to this letter within the 60-day time frame, the Director of the Department may take action to deny the application and close the file.

If you have any questions regarding the contents of this letter or the application in general, please do not hesitate to contact Richard Obenshain at 602-771-8622.

Sincerely,

Andrew J. Craddock, Manager
Recharge, Assured & Adequate Water Supply Program

AJC/rbo

Cc: via electronic mail: Rick Coffman, Pueblo del Sol Water Co.