

1
2 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**

3 **COUNTY OF LOS ANGELES**

4 Coordination Proceeding) Judicial Council Coordination
4 Special Title (Rule 1550(b))) Proceeding No. 4408

5 ANTELOPE VALLEY GROUNDWATER CASES)

6 Included actions:)

7 Los Angeles County Waterworks District No. 40 v.)

7 Diamond Farming Co., et al.)

8 Superior Court of California, County of Los Angeles,)

8 Case No. BC 325 201)

9 Los Angeles County Waterworks District No. 40 v.)

9 Diamond Farming Co., et al.)

10 Superior Court of California, County of Kern, Case)

10 No. S-1500-CV-254-348)

11 Wm. Bolthouse Farms, Inc. v. City of Lancaster)

11 Diamond Farming Co. v. City of Lancaster)

12 Diamond Farming Co. v. Palmdale Water Dist.)

12 Superior Court of California, County of Riverside,)

13 consolidated actions, Case nos. RIC 353 840, RIC)

13 344 436, RIC 344 668)

DECLARATION OF
RIC A. WILLIAMS

14 I, Ric A. Williams, do hereby declare as follows:

15 The facts set forth in this declaration are based on my personal knowledge and review of
16 available technical information.

17 I am a Geographic Information System (GIS) Analyst for the 95th Air Base Wing Civil
18 Engineering and Transportation Directorate at Edwards Air Force Base, California. I have more
19 than 13 years of experience working as an analyst supporting a wide variety of projects chiefly in
20 the area of natural resource management. I have been employed by the Department of Defense
20 for one year.

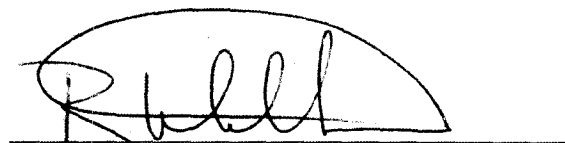
21 The following actions were conducted at the request of counsel on behalf of Edwards Air
22 Force Base:

- 23 1. I generated a map of the Antelope Valley area in preparation for the October 10-12, 2006
24 trial on jurisdictional boundaries. This map was created from the original produced by
25 the California Department of Water Resources. I modified the original map to reflect
26 major roads, highways, streams, airports, watershed, geological faults, towns, and wells
27 existing in the Antelope Valley. This map was marked as Exhibit 75 and entered into
28 evidence at the trial.

- 1 2. Superimposed on this map is the boundary line of the Antelope Valley watershed
2 contributory to the Antelope Valley groundwater basin. The watershed boundary was
3 located by utilizing ArcGIS 9.1 software. Mosaic NED tiles were inserted for analysis,
4 and I generated contour files using ArcGIS Spatial Analyst. Comparative analyses were
5 compiled for spatial fit of the data against hillshade files and based on contour lines and
6 hydrology polygons.
- 7 3. I utilized this map to create Exhibit 1: Map Showing DWR Bulletin 118 Groundwater
8 Basin Boundary and Watershed Boundary. In addition to the watershed boundary line, I
9 have superimposed on this map the line described by the California Department of Water
10 Resources in Bulletin 118-2003 as the Antelope Valley groundwater basin boundary.
11 This boundary line information was acquired by downloading the GIS database and
12 shape file from the Department of Water Resources web page.
- 13 4. I also generated the map titled Exhibit 3: Map Showing Modified Antelope Valley
14 Groundwater Basin Boundary. This map includes a modification of the Antelope Valley
15 groundwater basin boundary in the California Department of Water Resources Bulletin
16 118-2003. Eliminated from the DWR Bulletin 118 groundwater basin boundary is the
17 area shown in townships 4N & 5N; range 12W & 13W. This area, compared to the
18 watershed boundary, is outside the Antelope Valley basin.

19 I declare under penalty of perjury the above statements are true and correct.

20 Dated this 13th day of December, 2006.

21 

22 RIC A. WILLIAMS