1	SUPERIOR COURT OF THE STATE OF CALIFORNIA		
2	COUNTY OF LOS ANGELES		
3	Coordination Proceeding	) Judicial Council Coordination	
4	Special Title (Rule 1550(b))	) Proceeding No. 4408	
5	ANTELOPE VALLEY GROUNDWATER CASES	) )	
5 6 7 8 9 10 11 12 13 14 15 16 17 18 19	ANTELOPE VALLET GROUNDWATER CASES Included actions: Los Angeles County Waterworks District No. 40 v. Diamond Farming Co., et al. Superior Court of California, County of Los Angeles, Case No. BC 325 201 Los Angeles County Waterworks District No. 40 v. Diamond Farming Co., et al. Superior Court of California, County of Kern, Case No. S-1500-CV-254-348 Wm. Bolthouse Farms, Inc. v. City of Lancaster Diamond Farming Co. v. City of Lancaster Diamond Farming Co. v. City of Lancaster Diamond Farming Co. v. Palmdale Water Dist. Superior Court of California, County of Riverside, consolidated actions, Case nos. RIC 353 840, RIC 344 436, RIC 344 668 I, Ric A. Williams, do hereby declare as follows: The facts set forth in this declaration are based o available technical information. I am a Geographic Information System (GIS) Ar Engineering and Transportation Directorate at Edwards than 13 years of experience working as an analyst support the area of natural resource management. I have been en	<ul> <li>DECLARATION OF RIC A. WILLIAMS</li> <li>RIC A. WILLIAMS</li> &lt;</ul>	
20	for one year.		
21	The following actions were conducted at the request of counsel on behalf of Edwards Air		
22	Force Base:	a man which was originally produced by	
23	the California Department of Water Reso	urces. The original map is identified in	
24	the California Department of Water Reso	urces as "Antelope Valley Adjudication	
25	Area-Proposed Adjudication Boundary".		
26	The original map was modified to reflect	major roads, highways, streams,	
27	airports, watershed, geological faults, tov	vns, and wells existing in Antelope	
28	Valley. Depicted are the Sanitation Distr aqueducts. Federal, state and privately or	ict evaporation ponds and numerous wned lands were included.	

1	2.	In working with the team at Edwards Air Force Base, the map was modified and
2		reconstructed to reflect watershed boundaries, remove existing roads and naming
3		major streams. The addition of stream gauge locations, flow data for gauge sites,
4		geologic fault lines and production wells were identified and labeled.
5	3.	Data was acquired from the United States Geological Survey (USGS) website and
6		utilized to provide clarity on fault lines and digitized. Stream gauge coordinates
7		and flow data were exported from Excel and latitude and longitude were spatially
8		conducted by comparing coordinate data via GeoMedia with spreadsheet values
9		Flow data was added to the database to achieve final results
10	4.	Boundaries were further defined by utilizing ArcGIS 9.1 software, mosaic NED
11		tiles were inserted for analysis, and I generated contour files using ARCGIS
12		Spatial Analyst. There were buffered hydrology shapefiles created and interstitial
12		polygon.
13	6.	Comparative analyses were compiled for spatial fit of ERDAS data against
14		hillshade files and to contour lines and hydrology polygon.
15	7.	Data and comments were collected from Earth Tech and Edwards Air Force Base
16		which contributed to the finalized version of the reproduced map identified as
17		Attachment A. Resume is Attachment B.
18	T dool	and under manufact of maximum the channel statements and the set of a sub-
19	I declare under penalty of perjury the above statements are true and correct.	
20	Dated this 29 <sup>th</sup> day of June. 2006.	
21		
22		Kull
23		RIC A. WILLIAMS
24		
25		
26		
27		
28		
		2