

BEST BEST & KRIEGER

ATTORNEYS AT LAW

INDIAN WELLS
(760) 568-2611

LOS ANGELES
(213) 617-8100

ONTARIO
(909) 989-8584

RIVERSIDE
(951) 686-1450

5 Park Plaza, Suite 1500
Irvine, California 92614
(949) 263-2600
(949) 260-0972 Fax
BBKlaw.com

SACRAMENTO
(916) 325-4000

SAN DIEGO
(619) 525-1300

WALNUT CREEK
(925) 977-3300

Jeffrey V. Dunn
(949) 263-2616
Jeffrey.Dunn@bbklaw.com
File No. 26345.00001

August 19, 2008

Re: Antelope Valley Groundwater Adjudication

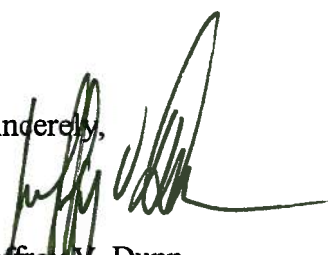
Dear Counsel:

The letter addresses a few attorney questions regarding access to the database maintained by Waterworks District No. 40, Rosamond Community Services District, Palmdale Water District, Quartz Hill Water District, City of Lancaster, California Water Service Company expert, Luhdorff and Scalmanini, Consulting Engineers (LSCE).

The database is maintained in electronic form and, in order to access all that is maintained in it, you will need to have Microsoft Access and ArcGIS software. The database is also periodically updated; therefore, in order to be able to access current data, you will need to be able to access LSCE's ftp site where the database is posted. In order to access this data, you may contact Stefanie Hedlund of my office; she will issue you a username and password, which will be initiated by LSCE and will be unique to each party requesting access. Additionally, you will be given instructions on how to review and download information from the ftp site. Please note that, in order to view the data electronically, you will need to have your own versions of Microsoft Access and ArcGIS software. If you prefer to review and copy the data in hardcopy, you may contact us to set up an appointment at LSCE's office, located at 500 First Street, Woodland, California.

Finally, pursuant to the Court's request, attached please find a table summarizing the current content of the database.

Sincerely,



Jeffrey V. Dunn
of BEST BEST & KRIEGER LLP

Antelope Valley Database Summary of Content June 30, 2008

Data Element	Description	Data Format	Source	Notes
Adjudication Boundary		Vector		
Digital Elevation Model	30m resolution elevation grid (covering 34-38N/117-119W)	Raster	California Spatial Information Library (CASIL)	
USGS Topographic Maps	Trimmed Digital Raster Graphic 7.5 minute, 30x60 minute, 1x2 degree series (covering 34-35N/117-5-119W)	Raster	CASIL	
Physical Basin Boundaries	DWR Hydrographic Region/Unit/Areas and DWR Groundwater Basins (Bulletin 118); Biog Subbasins	Vector	CASIL	Calwater 2.2.1; Bulletin 118
Political Boundaries	County, city, federal/state property boundaries, water purveyor service areas; PLSS; USGS topographic 7.5' quad map index; (Assessor) parcel boundary maps, (sanitation district boundaries are pending)	Vector	CASIL, WEI-mutual water companies and LACWWD40 boundaries and parcel boundary maps	
Regional Geology	Structural geology from the Los Angeles, Tona, Bakersfield, and San Bernardino 1x2 degree geologic maps (structural pending)	Vector	DMG-LSCE digitization	
Cross Sections	Locations of geologic cross-sections constructed by LSCE; DWR, Diblee, USGS cross-section locations pending	Vector	Various Publications	as yet does not include cross-section information--location only
Soil Surveys	Antelope Valley Area, Kern County Southeastern Part, Angeles National Forest, Edwards Air Force Base Soil Survey Areas and associated SSURGO database (pending)	Vector and Tables	USDA/NRCS-Soil Data Mart	
Historical Land Use (valley-wide scale)	Antelope Hydrographic Unit for 1947, 1957, 1961, 1972 (pending final OAI; Farmland Mapping and Monitoring Program (FMMP) agricultural land use designation by county prepared biannually from 1984-2004 for LA County and 1988-2004 for Kern County	Vector	DWR Land Use Reports, FMMP (NRCS)	
Historical Land Use (7.5 minute quad scale)	Land Use Survey quad sheets and tabular summary throughout Antelope Hydrographic Unit with crop detail in 1987 (pending final OAI; 1961 and 1972 pending)	Vector	DWR Land Use Surveys-LSCE digitization	
Los Angeles County Agricultural Acreage	County Crop Report tabular summary by crop by year between 1970 and 2003 (pending update to 2006)	Table	LA County	
Historical Surface Water Deliveries	State Water Project Imports and Litterock Creek diversions by AVEK, Palmdale W.D., Litterock Creek I.D. annually 1976-2003 (pending update to 2006)	Table	AVEK, PWD, LCID	
Wells and Groundwater Levels	2700 wells including locations (with well depth and construction year where available); 38,600 associated water level measurements between 1900 and Spring 2006; V/N flag where well log available is pending input to the database	Vector and Tables	USGS-NWIS	
Surface Water/Stream Gauge Stations and Records	83 stations with locations; 900 associated records of annual average flow between 1900 and Spring 2006 (covering 34.2-35.5N/117.2-118.8W)	Vector and Tables	USGS-NWIS	
Precipitation Stations and Records	12 stations with locations; 8200 associated records of monthly precipitation totals between 1930 and 2005 (covering 34.5-35.5N/117.5-118.7W)	Vector and Tables	NOAA/NCDC	
Groundwater Quality	DHS database including results from public water systems throughout LA, Kern and San Bernardino Counties; USGS database with more than 1200 surface and groundwater sites with more than 150,000 associated results back to early 1900s	Tables	DHS and USGS	Wells from DHS database does not include well location or link to those wells with associated water levels
Municipal Wastewater Discharge Records	Amounts of water treated and ultimate disposal/use from 1999 to present	Tables and Linked Vector	pending	
Municipal Wells and Records		Tables	pending	
Evaporation Stations and Records	Water Levels, Pumpage are pending input to the database		pending	
Subsidence Stations and Records			pending	

PROOF OF SERVICE

I, Kerry V. Keefe, declare:

I am a resident of the State of California and over the age of eighteen years, and not a party to the within action; my business address is Best Best & Krieger LLP, 5 Park Plaza, Suite 1500, Irvine, California 92614. On August 20, 2008, I served the within document(s):

LETTER TO COUNSEL REGARDING ACCESS TO DATABASE

- ☒ by posting the document(s) listed above to the Santa Clara County Superior Court website in regard to the Antelope Valley Groundwater matter.
- ☐ by placing the document(s) listed above in a sealed envelope with postage thereon fully prepaid, in the United States mail at Irvine, California addressed as set forth below.
- ☐ by causing personal delivery by ASAP Corporate Services of the document(s) listed above to the person(s) at the address(es) set forth below.
- ☐ by personally delivering the document(s) listed above to the person(s) at the address(es) set forth below.
- ☐ I caused such envelope to be delivered via overnight delivery addressed as indicated on the attached service list. Such envelope was deposited for delivery by Federal Express following the firm's ordinary business practices.

I am readily familiar with the firm's practice of collection and processing correspondence for mailing. Under that practice it would be deposited with the U.S. Postal Service on that same day with postage thereon fully prepaid in the ordinary course of business. I am aware that on motion of the party served, service is presumed invalid if postal cancellation date or postage meter date is more than one day after date of deposit for mailing in affidavit.

I declare under penalty of perjury under the laws of the State of California that the above is true and correct.

Executed on August 20, 2008, at Irvine, California.


Kerry V. Keefe