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§6103

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15 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**
16 **COUNTY OF LOS ANGELES**
17

18 Coordination Proceeding 19 Special Title (Rule 1550 (b)), 20 21 ANTELOPE VALLEY GROUNDWATER 22 CASES	23 Judicial Council Coordination 24 Proceeding No. 4408 25 [Assigned to the Honorable Jack Komar, 26 Judge Santa Clara County Superior Court, 27 Dept. 17] 28 Santa Clara Court Case No. 1-05-CV-049053 EXPERT WITNESS DESIGNATIONS AND DECLARATIONS
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29 Pursuant to the December 11, 2012, *Case Management Order for Phase 4 Trial*, Cross-
30 Defendant, United States of America, hereby designates the following expert witnesses who may
31 be called to testify at the time of the Phase IV Trial or related hearings and provides declarations

1 pursuant to the *California Code of Civil Procedure* § 2034.260. The United States reserves the
2 right to supplement this witness list and designate additional witnesses including expert
3 witnesses for use in rebuttal. The United States further reserves the right to call as a witness at
4 trial an expert not previously designated for impeachment purposes pursuant to *Code of Civil*
5 *Procedure* § 2034.310.
6

7 The United States hereby declares and designates as expert witnesses:

8 **1. Dr. June A. Oberdorfer.**

- 9 a. **Qualifications.** Dr. Oberdorfer is a Professional Geologist and Certified
10 Hydrogeologist in the State of California. She has a Doctor of Philosophy degree
11 in Geology and Geophysics, with an emphasis in hydrogeology, from the
12 University of Hawaii. She has conducted groundwater investigations for over 32
13 years. Dr. Oberdorfer is a Professor in the Department of Geology at San Jose
14 State University and acts as a consultant on groundwater related issues. In the
15 present case, her role is a consultant to AECOM, Inc. She was designated as an
16 expert witness in the Phase I, II and III trials in this case. In the course of her
17 work, she has conducted aerial photo interpretation and is experienced in field of
18 remote sensing. A copy of her resume is attached to this declaration as Exhibit A.
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20 b. **Substance of testimony.** Dr. Oberdorfer has been asked to provide testimony for
21 the upcoming Phase IV trial on the amount of agricultural water use on areas of
22 land that were subsequently reserved or acquired to form the present Edwards Air
23 Force Base.
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25 c. **Agreement to testify.** Dr. Oberdorfer has agreed to testify at the Phase IV trial.
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- 1 d. **Familiarity with action.** Dr. Oberdorfer is sufficiently familiar with this pending
2 action to submit to a meaningful oral deposition concerning the specific
3 testimony, including her opinion and its basis.
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- 5 e. **Deposition availability.** She is available for deposition on January 15, 16, 24, 25
6 and 31, as shown on the calendar attached as Exhibit F.
- 7 f. **Rates.** Dr. Oberdorfer's rate is \$225.00 per hour for testifying at depositions,
8 mediations, arbitrations, trial, and for travel time; plus all out-of-pocket expenses,
9 including, but not limited to, hotel, airfare, car rental, copying, postage, shipping,
10 telephone calls, etc.
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12 **2. Rand F. Herbert.**

- 13 a. **Qualifications.** Mr. Herbert is Principal/Vice President, JRP Historical
14 Consulting, LLC, located in Davis, California and for more than 34 years has
15 worked as a consulting historian on a wide variety of historical research and
16 cultural resources management projects, as a researcher, writer, and project
17 manager. He earned his MAT in History from the University of California Davis
18 (1977) and his BA in History from the University of California, Berkeley (1973).
19 His academic fields of specialization were in California and Western United
20 States history. Mr. Herbert has taught history at community colleges in
21 Sacramento and Solano counties and taught a graduate seminar in public history
22 at California State University, Sacramento (2001–2012). In 1990, he was elected
23 chairman of the California Council for the Promotion of History (CCPH) and
24 served a two-year term. He served as one of CCPH's representatives on
25 California Resources Secretary Douglas Wheeler's Historic Preservation Task
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1 Force (1992–1994). Mr. Herbert is a Registered Professional Historian (#508)
2 with CCPH and a member of the National Council on Public History, California
3 Historical Society, and Ninth Circuit Court Historical Society. He has provided
4 expert witness services and testimony in more than a dozen legal cases or
5 administrative proceedings. A copy of her resume is attached to this declaration
6 as Exhibit B.
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- 8 b. **Substance of testimony.** Mr. Herbert has been asked to provide testimony for
9 the upcoming Phase IV trial on the historical acquisitions and/or reservations of
10 land and the purposes of the acquisitions and/or reservations that comprise
11 Edwards Air Force Base and Air Force Plant 42.
12
13 c. **Agreement to testify.** Mr. Herbert has agreed to testify at the Phase IV trial.
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15 d. **Familiarity with action.** Mr. Herbert is sufficiently familiar with this pending
16 action to submit to a meaningful oral deposition concerning the specific
17 testimony, including his opinion and its basis.
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19 e. **Deposition availability.** He is available for deposition on January 15-31,
20 excluding of January 28 and 29, as shown on the calendar attached as Exhibit F.
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22 f. **Rates.** Mr. Herbert's rate is \$385.00 per hour for testifying at depositions,
23 mediations, arbitrations, trial, and for travel time; plus all out-of-pocket expenses,
24 including, but not limited to, hotel, airfare, car rental, copying, postage, shipping,
25 telephone calls, etc.

26 3. Brigadier General Michael T. Brewer

- 27 a. **Qualifications.** General Brewer is Commander of the 412th Test Wing and the
28 Installation Commander of Edwards Air Force Base (Edwards AFB), California.

1 He is responsible for operating the base, including the infrastructure,
2 communication systems, security, medical services, fire protection, transportation,
3 supply, finance, contracting, legal services, personnel and manpower support,
4 housing, education, chapel and quality-of-life programs. His additional
5 qualifications are summarized in his biography attached as Exhibit C.

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- 7 b. **Substance of testimony.** General Brewer has been asked to testify at the
8 upcoming Phase IV trial on past, current and potential future missions of Edwards
9 AFB.
- 10
- 11 c. **Agreement to testify.** General Brewer has agreed to testify at the Phase IV trial.
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- 13 d. **Familiarity with action.** General Brewer is sufficiently familiar with this
14 pending action to submit to a meaningful oral deposition concerning the specific
15 testimony, including his opinion and its basis.
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- 17 e. **Deposition availability.** General Brewer is available for deposition on January
18 28, 2013, as shown on the calendar attached as Exhibit F.
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- 20 f. **Rates.** Assuming General Brewer's deposition takes place in the vicinity of
21 Edwards AFB, there will be no charges.

22 4. **Lieutenant Colonel Gene F. Cummins**

- 23 a. **Qualifications.** Lt. Col. Cummins is Director of Air Force Plant 42 (AFP 42),
24 located in Palmdale, California. He is responsible for operating AFP 42,
25 including the infrastructure, communication systems, security, fire protection,
26 finance, contracting and Civil Engineering functions. He received his
27 commission on 14 May 1995. His previous assignments include Flight Test
28 Engineer; Assistant Test and Evaluation Flight Commander; Deputy Director,

1 Flight Test Division; Force Modernization Integration Officer, Directorate of
2 Intelligence, Surveillance and Reconnaissance; Chief of System Test and
3 Evaluation Division, Space Based Infrared Systems Wing; Chief of Capabilities
4 Division, Systems Integration Squadron, Space Based Infrared Systems Wing;
5 Chief of Infrastructure, Education Technology Transformation Division,
6 Education Support Squadron, Maxwell AFB; Director of Operations, Education
7 Support Squadron, Carl A. Spaatz Center for Officer Professional Military
8 Education, Maxwell AFB; Director, Air Force Life Cycle Management Center
9 Operating Location (AFLCMC OL), AFP 42, Palmdale CA. Lt. Col. Cummins's
10 educational background includes Bachelor and Masters of Science Degrees in
11 Aerospace Engineering, and studies in Squadron Officer School, Intelligence
12 Master Skills Course, Air Command and Staff College, and the Air War College.
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15 b. **Substance of testimony.** Lt. Col. Cummins has been asked to testify at the
16 upcoming Phase IV trial as a primary witness on past, present and potential future
17 missions of AFP 42.
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19 c. **Agreement to testify.** Lt. Col. Cummins has agreed to testify at the Phase IV
20 trial.
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22 d. **Familiarity with action.** Lt. Col. Cummins is sufficiently familiar with this
23 pending action to submit to a meaningful oral deposition concerning the specific
24 testimony, including his opinion and its basis.
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1 **e. Deposition availability.** Lt. Col. Cummins is available for deposition on the
2 dates shown on the calendar attached as Exhibit F.

3 **f. Rates.** Assuming Lt. Col. Cummins's deposition takes place in the vicinity of
4 AFP 42, there will be no charges.
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6 **5. James E. Judkins**

7 **a. Qualifications.** Mr. Judkins is the Base Civil Engineer for Edwards AFB and
8 Director of the 412th Test Wing Civil Engineer Division. He is a 1974 Honor
9 Graduate of the United States Air Force Academy, Colorado Springs, Colorado,
10 where he earned a Bachelor of Science Degree in Civil Engineering. In 1978 he
11 earned a Master of Science Degree in Facilities Management from the Air Force
12 Institute of Technology, Wright-Patterson AFB, Ohio. Mr. Judkins has been a
13 Civil Engineer with the Air Force since June 1974, both as an active-duty military
14 member (retiring in 2002 with the rank of Colonel) and as a civilian. His
15 assignments have included tours of duty at Headquarters United States Air Force,
16 the Army Corps of Engineers, two assignments to major command headquarters,
17 and ten assignments to base-level civil engineer, support group, graduate school,
18 and ROTC. His additional qualifications are summarized in his resume attached
19 as Exhibit D.
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- 1 **b. Substance of testimony.** Mr. Judkins has been asked to provide testimony for
2 the upcoming Phase IV trial on the following matters: historical and current
3 water production and use at Edwards AFB, including pumping, purchases and
4 conservation, and the impact of changing mission requirements, both current
5 missions and potential future mission growth, on the water needs of Edwards
6 AFB.
- 7
- 8 **c. Agreement to testify.** Mr Judkins has agreed to testify at the Phase IV trial.
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- 10 **d. Familiarity with action.** Mr Judkins is sufficiently familiar with this pending
11 action to submit to a meaningful oral deposition concerning the specific
12 testimony, including his opinion and its basis.
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- 14 **e. Deposition availability.** Mr Judkins is available for deposition on the dates
15 shown on the calendar attached as Exhibit F.
- 16 **f. Rates.** Assuming Mr Judkins's deposition takes place in the vicinity of Edwards
17 AFB, there will be no charges.

18 **6. Jared E. Scott**

- 19 **a. Qualifications.** Mr. Scott is Chief, Industrial Facilities Branch, Acquisition
20 Environmental and Industrial Facilities Division, Agile Combat Support
21 Directorate, Air Force Life Cycle Management Center, Wright Patterson AFB
22 (WPAFB), Ohio. Mr. Scott is the industrial facility engineering and real property
23 technical authority for all Air Force owned Industrial Plants and National Defense
24 base critical development/production/sustainment facilities, covering 16.5 million
25 square feet of facilities on 9,850 acres with a replacement value of \$7.2 billion.
26 He represents the Air Force on all facility engineering and real property issues
27 related to the effective management of the Air Force Plant industrial base
28 portfolio. He implements all real property lease, financial and business processes

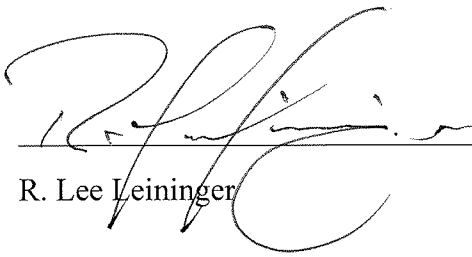
1 to ensure the accounting and validation of value received to the government in the
2 execution of real property leases. He is responsible for yearly execution average
3 of approximately 55 projects valued at \$65 million, which are prioritized and
4 approved to ensure continued industrial base operational suitability, safety and
5 effectiveness. His additional qualifications are summarized in his resume
6 attached as Exhibit E.

- 7 b. **Substance of testimony.** Mr. Scott has been asked to provide testimony for the
8 upcoming Phase IV trial as a primary witness on the following matters: past,
9 present and potential future missions of AFP 42; historical and current water
10 production and use at AFP 42, including pumping, purchases and conservation;
11 and the impact of changing mission requirements, both current missions and
12 potential future mission growth, on the water needs of AFP 42.
- 13 c. **Agreement to testify.** Mr. Scott has agreed to testify at the Phase IV trial.
- 14 d. **Familiarity with action.** Mr. Scott is sufficiently familiar with this pending
15 action to submit to a meaningful oral deposition concerning the specific
16 testimony, including his opinion and its basis.
- 17 e. **Deposition availability.** Mr. Scott is available for deposition on the dates shown
18 on the calendar attached as Exhibit F.
- 19 f. **Rates.** Assuming Mr. Scott's deposition takes place in the vicinity of Edwards
20 AFB,, there will be no charges.
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1 I declare under the penalty of perjury, the above statements are true and correct.

2 Dated this 4th day of January 2013.

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R. Lee Leininger