

EXHIBIT 6

1 Robert G. Kuhs, SBN 160291
2 Bernard C. Barmann, Jr., SBN 149890
3 Kuhs & Parker
4 P. O. Box 2205
5 1200 Truxtun Avenue, Suite 200
6 Bakersfield, CA 93303
7 Telephone: (661) 322-4004
8 Facsimile: (661) 322-2906
9 E-Mail: rgkuhs@kuhsparkerlaw.com

10 Attorneys for Granite Construction Company

11 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**

12 **COUNTY OF LOS ANGELES - CENTRAL DISTRICT**

13 **ANTELOPE VALLEY GROUNDWATER**
14 **CASES**

15 **Included Actions:**

16 Los Angeles County Waterworks District No. 40
17 v. Diamond Farming Co., Superior Court of
18 California, County of Los Angeles, Case No. BC
19 325201;

20 Los Angeles County Waterworks District No. 40
21 v. Diamond Farming Co., Superior Court of
22 California, County of Kern, Case No. S-1500-CV-
23 254-348; and

24 Wm. Bolthouse Farms, Inc. v. City of Lancaster,
25 Diamond Farming Co. v. Lancaster, Diamond
26 Farming Co. v. Palmdale Water Dist., Superior
27 Court of California, County of Riverside, Case
28 No. RIC 353 840, RIC 344 436, RIC 344 668.

Judicial Council Coordination No. 4408

Santa Clara Case No. 1-05-CV-049053
Assigned to Hon. Jack Komar

**DECLARATION OF STEVEN
MCCRACKEN IN LIEU OF
TESTIMONY AT PHASE IV TRIAL**

Phase 4 Trial Date: May 28, 2013
Time: 9:00 a.m.
Dept.: 1

DECLARATION

I, STEVE MCCRACKEN, declare:

1. I am employed by Granite Construction Company (Granite) as the Manager of Construction Materials for Granite's Southern California and Central California Regions.

Attached as Exhibit A is a statement of my professional qualifications. If called as a witness, I could and would competently testify to the facts set forth herein from my personal knowledge.

2. My duties include overseeing operations at Granite's Littlerock Quarry in the Littlerock Area of Antelope Valley.

3. There are three groundwater wells located at the Littlerock Quarry. Groundwater is used on site to control dust and to wash and process rock, sand and gravel. Pump #1 is rated at 40 HP, 325 gallon per minute. Pump #2 is rated at 20 HP, 105 gallons per minute. Pump #3 is rated at 30 HP, 230 gallons per minute.

4. The wells do not have flow meters or isolated electrical panels. Accordingly, I have estimated Granite's groundwater use at the Littlerock Creek Quarry as a function of water consumed during production, water used for dust control, pond evaporation, pond infiltration and system leakage. Granite's production output for years 2000 through 2012 is confidential and can be provided upon request to counsel who have executed the protective order. My conclusion of water production at the Littlerock Quarry for years 2011 and 2012 is as follows:

<u>Year</u>	<u>Water (AF)</u>
2011	417.8
2012	423.3

5. My conclusions are based on several factors. First, I estimated that produced sand contains 20% water by weight and that produced aggregates contain .5% water by weight.

1 Groundwater used in the processing of rock is pumped from the three wells into two ponds with a
2 combined surface area of approximately 4.5 acres. I estimated evaporative losses from the pond of
3 83.7 (sic) inches per year or 31.28 acre feet per year based on average pan evaporation data for the
4 Bakersfield AP obtained from the California Climate Data Archive. I estimated pond
5 infiltration/seepage of two inches per day or 270 acre feet per year based upon hydraulic
6 conductivity values for "clayey sand" of three inches per day obtained from Table 5-56 the
7 Geotechnical Aspects of Pavement Reference Manual, a copy of which is attached as **Exhibit B**. I
8 then adjusted the hydraulic conductivity downward conservatively to two inches per day. I
9 assumed plant leakage and loss of 5% of clean water input. Granite operates water trucks on site
10 to control dust. The water trucks hold 4,500 gallons of water, operate on average 275 days per
11 year, 9 hours a day and are typically required to be refilled three times per hour. Thus, I calculated
12 27 truck loads per day or 103 acre feet per year at the Littlerock Quarry for dust control.

15 6. As an alternate means of estimating groundwater production, I calculated the
16 theoretical daily capacity of Pump # 1 and Pump #2. Pump # 3 is generally reserved for double-
17 shifting during periods of high production. I conservatively assumed that Pump #3 was not
18 operated. Pump # 1 is operated on average 236 days per year, 24 hours per day. Pump #2 is
19 operated on average 275 days per year, 24 hours per day. I calculated the output of Pumps # 1 and
20 #2, based on Granite's average days of operation and conservatively assumed no production from
21 Pump #3 and arrived at an estimated 471 acre-Feet of production. A table summarizing my
22 computation is shown below.
23
24
25
26
27
28

EXHIBIT						
GRANITE LITTLEROCK QUARRY PUMPING CAPACITY						
Decsc.	Location	HP	GPM	Est. Days Per Year	Est. Hrs Per Day	Estimated AC*Ft/Yr
Pump 1	Plant	40	325	236	24	342
Pump 2	Office	20	105	275	24	129
Pump 3	SE	30	320	0	0	0
TOTAL ANNUAL PUMPING						471

7. Granite also owns in fee 145 acres of land in the Big Rock Area of Antelope Valley on which Big Rock Creek Quarry is located. The Big Rock Creek Quarry is permitted, but not currently operational. Granite produces groundwater from one well at the Big Rock Quarry to maintain its landscaping consisting of a 30-foot wide strip of oleanders, junipers and other vegetation around the perimeter of the property. Granite applied approximately 16 acre feet per year in 2011 and 2012 for landscape maintenance.

8. Granite's total groundwater production in the AVAA for 2011 and 2012 is estimated as follows:

- a. 2011 - 433.8 acre feet
- b. 2012 - 439.3 acre feet

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

Executed this 29 day of May, 2013, at Indio, California.


Steve McCracken

EXHIBIT A

Steve McCracken

3005 James Road

Bakersfield, CA

(661) 387-7721

steve.mccracken@graninc.com

PROFESSIONAL EXPERIENCE

Granite Construction, Co., Bakersfield, CA

Manager of Construction Materials – 2011-Current

- Reports to Southern California Regional Manager
- Provide direct management (P&L responsibilities) for Southern California Materials operations
- Manage Plant Managers and Resource Development Project Manager
- Standardized multiple processes from 4 separate Areas
- Led the only materials team that achieved all 5 2011 corporate KPI's
- Led the "March to Zero Defects" initiative for the Region
- Managed the completion of key reserve initiatives
- Zero lost time injuries – 1 minor injury in 2 years
- Developing key relationships in the industry

Granite Construction, Inc., Watsonville, CA

Operations Manager – Construction Materials Group, 2006 – 2011

- Reported to the VP/Manager-Construction Materials
- Provide functional/centralized operations management for the construction materials business (+/- 75 HMA/WMA facilities, +/-50 aggregate facilities)
- Created and provide direct management of the Field Services Group, the Plant Equipment Department, and previously, the Plants Business Systems Group
- Brought the MSHA Citations/Inspection KPI to Granite.
- Implemented the capital budgeting process for our materials business
- Developed a materials budgeting and forecasting tool/process (consolidated by Area, Region, Group, and product line) for temporary use while planning and implementing improvements to our ERP system
- Created a standardized "New Plant Construction/Development" process (Estimating, Budgeting, Planning, and Construction). Piloted the process on a new \$50M facility
- Partner with our Exploration Services/Geology Group to continuously evaluate our reserves for quality, quantity, balance, and economic viability. Share engineering staff with Exploration Services to develop short and long term mine and reclamation plans
- Developed a process to create "Going Concern" models (long term financial planning) for our operations which struggle financially, or are in need of significant investments in people, equipment, or reserves
- Involved in multiple process improvement initiatives for the company (ARO, Inventory, ERP, Resource Development, Driver Based Budgeting/Forecasting, KPI's, Energy Conservation, Environmental Stewardship, etc.)
- Provided education regarding the materials business for our Board of

Directors, Controller, General Accounting Manager, and General Accounting staff. Collaborate with these teams to streamline business processes

- Provided operational/financial due diligence for acquisitions
- Responsible for our centralized Plant Engineer training (PET) (creating curriculum, developing program, selecting candidates, identifying trainers, providing training, facilitating training events)
- Career development for materials professionals within Granite. Created job descriptions, and documentation of expectations. Performed developmental dialogs with Plant Managers and their direct supervisors to evaluate performance, set goals, and articulate expectations
- Performed an additional role of "Manager of Construction Materials" for the California Operating Group
- Developed the Underperforming Asset Analysis for the Materials Business
- Represented Granite on the CalCIMA Executive Board

Granite Construction Company, Oroville, CA

Area Manager, 2002 – 2006

- Responsible for the pre-acquisition analysis, and post-acquisition transition of a local business to Granite Construction Company
- Direct management responsibility (P&L) for the Construction (Paving, Grading, Underground), and Construction Materials (Aggregate and Asphalt) operations of the Oroville Area office
- Managed materials and construction activities
- Performed all materials sales functions
- Responsible for managing safety, quality, estimating, business development, rolling stock, etc
- Received a company award from the COO and Branch Division Manager for leading a new acquisition to be "in the black" after the first year, and injury free for the first three.
- Vice President of the Oroville Economic Development Corp
- Active member of the Oroville Chamber of Commerce

Granite Construction Company, Sacramento, CA

Estimator/Project Manager, 1998-2002

- Estimated, procured, and managed large civil construction projects (grading, paving, underground construction, minor structures)
- Performed due diligence for strategic regional acquisition activities.
- Completed key aggregate resource development projects (404 permits, CEQA challenge, etc)
- Trained and mentored local Plant and Environmental Engineers

Granite Construction Company, Sacramento , CA

Plant Engineer, 1992-1998

- Created and managed operations/ maintenance budgets and plans for 2M-3M tpy aggregate facility and 500K tpy asphalt facility
- Responsible for developing short and long term mine and reclamation plans. Managed mining and reclamation activities

- Developed and implemented capital improvement projects
- Review quality testing data for compliance with internal and external specifications. Implement process changes where necessary
- Performed safety audits, and administered safety meetings. Implemented safety improvements .
- Maintained PLC/HMI automation/implemented major upgrades (ladder logic PLC programming, development of WonderWare HMI applications
- Developed and implemented efficiency/downtime recording/reporting tools
- Negotiated partnership arrangements with Teichert (wetland mitigation, creek diversion channel, flood pump station, conveyor alignment/easement, joint permitting, etc)
- Designed 3 mile long belt conveyor system to access Vineyard reserves (sizing, alignment, etc.)
- Responsible for permitting activities CEQA/NEPA, Air, Water, etc. Responsible for environmental and CUP compliance
- Performed community relations activities for on-going operations as well as new permitting activities
- Performed operational, environmental, and financial due diligence for potential acquisitions

L&M Electric/L&M Construction, El Dorado Hills, CA
Electrician/Carpenter, 1987-1992

- Installed electrical improvements on multiple residential and commercial projects
- Trouble shoot and perform service calls for residential and commercial electrical customers
- Built residential homes from site grading to finish carpentry

EDUCATION **Sacramento State University, Sacramento, CA**
BS. Civil Engineering, Class of 1994

- 3.54 GPA
- Deans Honor List
- Tau Beta PI Engineering Honors Society

**TECHNICAL
SKILLS**

- | | |
|-----------------|-----------------------|
| • BIDS2 | • J.D. Edwards/Oracle |
| • Autocad | • JWS |
| • MS Excel | • AggQc |
| • MS Word | • Aggflow |
| • MS Access | |
| • MS PowerPoint | |
| • MS Outlook | |

LICENSURE

- EIT Certificate

**ADDITIONAL
SKILLS**

- Advanced knowledge of mobile/fixed plant equipment, construction material processing, and maintenance of applicable equipment
- Advanced knowledge of geology, quality, and specifications
- Granite Leadership Suite: EGSP, LDP, LTT, Business Acumen

EXHIBIT B

Table 5-56. Typical values of saturated hydraulic conductivity for soils (Coduto, 1999).

Soil Description	Hydraulic Conductivity k	
	(cm s)	(ft s)
Clean gravel	1 - 100	$3 \times 10^{-2} - 3$
Sand-gravel mixtures	$10^{-2} - 10$	$3 \times 10^{-4} - 0.3$
Clean coarse sand	$10^{-2} - 1$	$3 \times 10^{-4} - 3 \times 10^{-2}$
Fine sand	$10^{-3} - 10^{-1}$	$3 \times 10^{-5} - 3 \times 10^{-3}$
Silty sand	$10^{-3} - 10^{-2}$	$3 \times 10^{-5} - 3 \times 10^{-4}$
Clayey sand	$10^{-4} - 10^{-2}$	$3 \times 10^{-6} - 3 \times 10^{-4}$
Silt	$10^{-9} - 10^{-3}$	$3 \times 10^{-10} - 3 \times 10^{-5}$
Clay	$10^{-10} - 10^{-6}$	$3 \times 10^{-12} - 3 \times 10^{-8}$

Geotechnical Aspects of Pavements Reference Manual
 Publication No. FHWA NHI-05-037 May 2006, p. 5-104 (282 of 598)
<http://www.fhwa.dot.gov/engineering/geotech/pubs/05037/05037.pdf>

OUR PONDS ARE UN-LINED, BUT CONTAIN
 AN EFFLUENT COMPRISED OF CLAY AND
 SAND WASHED FROM OUR SAND SCREWS.

USE $k = 3 \times 10^{-6}$ ft/second Hydraulic Conductivity.

$$\frac{3 \times 10^{-6} \text{ ft}}{\text{second}} \times \frac{12 \text{ (in)}}{1 \text{ ft}} \times \frac{60 \text{ sec}}{1 \text{ min}} \times \frac{60 \text{ min}}{1 \text{ hr}} \times \frac{24 \text{ hr}}{1 \text{ DAY}} = \underline{\underline{3 \text{ in/DAY}}}$$

TO BE CONSERVATIVE, ASSUME 2 in/DAY