

LAW OFFICES OF  
BEST BEST & KRIEGER LLP  
5 PARK PLAZA, SUITE 1500  
IRVINE, CALIFORNIA 92614

1 BEST BEST & KRIEGER LLP  
ERIC L. GARNER, Bar No. 130665  
2 JEFFREY V. DUNN, Bar No. 131926  
STEFANIE D. HEDLUND, Bar No. 239787  
3 18101 VON KARMAN AVENUE, SUITE 1000  
IRVINE, CALIFORNIA 92612  
4 TELEPHONE: (949) 263-2600  
FACSIMILE: (949) 260-0972  
5 Attorneys for Cross-Complainant  
LOS ANGELES COUNTY WATERWORKS  
6 DISTRICT NO. 40

**EXEMPT FROM FILING FEES  
UNDER GOVERNMENT CODE  
SECTION 6103**

7 OFFICE OF COUNTY COUNSEL  
COUNTY OF LOS ANGELES  
8 JOHN F. KRATTLI, Bar No. 82149  
COUNTY COUNSEL  
9 WARREN WELLEN, Bar No. 139152  
PRINCIPAL DEPUTY COUNTY COUNSEL  
10 500 WEST TEMPLE STREET  
LOS ANGELES, CALIFORNIA 90012  
11 TELEPHONE: (213) 974-8407  
TELECOPIER: (213) 687-7337  
12 Attorneys for Cross-Complainant LOS ANGELES  
COUNTY WATERWORKS DISTRICT NO. 40

14 SUPERIOR COURT OF THE STATE OF CALIFORNIA  
15 COUNTY OF LOS ANGELES

17 **ANTELOPE VALLEY  
GROUNDWATER CASES**

18 Included Actions:  
19 Los Angeles County Waterworks District  
No. 40 v. Diamond Farming Co., Superior  
20 Court of California, County of Los  
Angeles, Case No. BC 325201;

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

24 Wm. Bolthouse Farms, Inc. v. City of  
Lancaster, Diamond Farming Co. v. City of  
25 Lancaster, Diamond Farming Co. v.  
Palmdale Water Dist., Superior Court of  
26 California, County of Riverside, Case Nos.  
RIC 353 840, RIC 344 436, RIC 344 668

Judicial Council Coordination No. 4408

CLASS ACTION

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

**DECLARATION OF ROBERT BOWCOCK  
IN LIEU OF DEPOSITION TESTIMONY  
FOR PHASE 4 TRIAL**

**DECLARATION**

I, Robert Bowcock, declare:

1. I am Robert Bowcock, Water Resource Consultant for Vulcan Materials Company, a party to this action. In lieu of deposition testimony for the Phase 4 trial, I am providing this declaration. This declaration applies only to the categories I have filled in. The items left blank or crossed out do not apply to me. I have personal knowledge of each fact herein and would testify competently thereto under oath.

**Property Ownership and Parcel Size**

2. Vulcan Materials Company owns property that overlies the Antelope Valley Area of Adjudication as decided by this Court. The land is in \_Los Angeles County and is identified by the following APN/APNs: See Exhibit A. A true and correct copy of Exhibit A is attached hereto and incorporated herein.

3. Vulcan Materials Company claims groundwater rights only as to the properties listed in Paragraph 2 and Exhibit A.

4. For each APN/APNs identified above, the total acreage by parcel is as follows: See Exhibit B A true and correct copy of Exhibit B is attached hereto and incorporated herein.

5. For each APN/APNs identified above Vulcan Materials Company owned the property during the following timer period: APNs: 3051-009-002, 3051-009-012, 3051-0009-013 from February 22, 2006 to present; APNs 3051-012-003, 3051-009-015 from April 1, 1970 to present; 3050-008-027 from March 22, 1988 to present, APN 050-022-015 May 20, 1971 to present.

6. The following are all individuals/entities appearing on the title for the above identified APN/APNS from Jan 1, 2000 to the present: Vulcan Materials Company or one of its subsidiaries: Consolidated Rock Products Co, Calmat Co, Allied Concrete &. Materials Co., Calmat Co. Of Arizona, Inc., Calmat Of Central California, Calmat Land Co., Calmat Properties Co., Kirst Construction Co., Inc., Reliance Transport Co., Rio Norte Este Co., River Bend Corp., Sanger rock and Sand, or Sloan Canyon Sand Co.

7. For each individual/entity identified in paragraph 6 that individual/entity appeared on the title during the following time: APNs: 3051-009-002, 3051-009-012, 3051-0009-013 from

1 February 22, 2006 to present; APNs 3051-012-003, 3051-009-015 from April 1, 1970 to present;  
2 3050-008-027 from March 22, 1988 to present, APN 050-022-015 May 20, 1971 to present.

3 **Water Meter Records**

4 8. Vulcan Materials Company measures the groundwater production on the above referenced  
5 properties by water meters. Exhibit C contains the records for these water meters for the  
6 following years: 2002-2004 and 2011. A true and correct copy of Exhibit C is attached hereto  
7 and incorporated herein.

8 9. Exhibit D sets forth the total yearly production amounts by metered water well on the  
9 above referenced properties for the years 2002-2004, and 2011. A true and correct copy of  
10 Exhibit D is attached hereto and incorporated herein.

11 **Aggregate Production**

12 10. In order to calculate water use on the properties referenced above for years 2000, 2001  
13 and 2012, Vulcan Materials Company relies on the amount of aggregate produced on the  
14 properties referenced above multiplied by the 2002-2010 average acre foot per ton water use. A  
15 true and correct copy of which is attached to this declaration as Exhibit E.

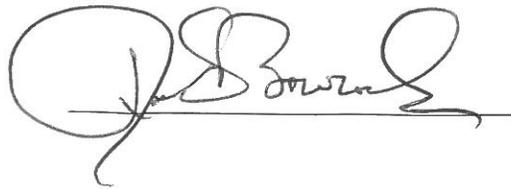
16 11. Exhibit F sets forth the total yearly estimated water use on the properties referenced above  
17 for the years 2000-2001, 2011, and 2012. A true and correct copy of Exhibit F is attached hereto  
18 and incorporated herein.

19 **Other Sources of Water**

20 12. On the properties referenced above, Vulcan Materials Company received water from  
21 sources other than groundwater pumped within the Basin or State Water Project Water. Exhibit  
22 G sets forth the source of the water and the amounts received for the years 2000-2004, 2011, and  
23 2012.

24 13. Other than what is declared hereinabove, Vulcan Materials Company did not produce or  
25 use water within the Antelope Valley Area of Adjudication for 2000-2004, 2011, and 2012.

1 I declare under penalty of perjury under the laws of the State of California that the  
2 foregoing is true and correct. Executed this 31 day of January 2013, at Claremont, California.

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EXHIBIT "A"

<u>APN</u>	
3051-009-015	
3051-012-003	
3050-022-017	
3050-008-033	
3051-009-002	
3051-009-122	
3051-009-013	



EXHIBIT "C"

<b>2002</b>		
	<b>Deep Well 1</b>	
<b>Month</b>	<b>Read</b>	<b>AF</b>
Jan	109942	
Feb	122071	37.22
Mar	136392	43.95
Apr	149722	40.91
May	162292	38.58
Jun	173567	34.60
Jul	185299	36.00
Aug	201253	48.96
Sept	212431	34.30
Oct	227802	47.17
Nov	237443	29.59
Dec	250270	39.36
<b>Total Production</b>		<b>430.65</b>

<b>2003</b>				
	<b>Deep Well 1</b>		<b>Deep Well 2</b>	
<b>Month</b>	<b>Read</b>	<b>AF</b>	<b>Read</b>	<b>AF</b>
Jan	265343	46.26		
Feb	275455	31.03		
Mar	287649	37.42		
Apr	302913	46.84		
May	317383	44.41		
Jun	329892	38.39		
Jul	343699	42.37		
Aug	356064	37.95		
Sept	366783	32.90		
Oct	374404	23.39	95136	
Nov	380870	19.84	181627	26.54
Dec	389262	25.75	281669	30.70
<b>Total Production</b>		<b>426.55</b>		<b>57.24</b>

1	<b>2004</b>				
2		<b>Deep Well 1</b>		<b>Deep Well 2</b>	
3	<b>Month</b>	<b>Read</b>	<b>AF</b>	<b>Read</b>	<b>AF</b>
4	Jan	396327	21.68	392329	33.96
5	Feb	402562	19.13	463097	21.72
6	Mar	409341	20.80	554020	27.90
7	Apr	416116	20.79	657196	31.66
8	May	423089	21.40	734882	23.84
9	Jun	429133	18.55	823224	27.11
10	Jul	436247	21.83	911776	27.18
11	Aug	442817	20.16	1010362	30.25
12	Sept	448905	18.68	1091977	25.05
13	Oct	454722	17.85	1172065	24.58
14	Nov	456298	4.84	1299192	39.01
15	Dec	463270	21.40	1389147	27.61
16	<b>Total Production</b>		<b>227.12</b>		<b>339.87</b>

17	<b>2011</b>				
18		<b>Deep Well 1</b>		<b>Deep Well 2</b>	
19	<b>Month</b>	<b>Read</b>	<b>AF</b>	<b>Read</b>	<b>AF</b>
20	Jan	892301	14.19	1163938	17.66
21	Feb	898948	20.40	1247381	25.61
22	Mar	903619	14.33	1372345	38.35
23	Apr	912763	28.06	1484006	34.27
24	May	919857	21.77	1595688	34.27
25	Jun	923452	11.03	1681271	26.26
26	Jul	929378	18.19	1786150	32.19
27	Aug	937432	24.72	1885769	30.57
28	Sept	943879	19.79	Meter Broke, Estimated	29.90
29	Oct	951076	22.09	Meter Broke, Estimated	29.90
30	Nov	958869	23.92	Meter Broke, Estimated	29.90
31	Dec	967633	26.90	Meter Broke, Estimated	29.90
32	<b>Total Production</b>		<b>245.37</b>		<b>358.77</b>



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EXHIBIT "E"

Year	AF/Y	Ag Ton/Y	AF/Ton
2002	430.65	1,099,954	0.000392
2003	483.80	1,232,936	0.000392
2004	566.99	1,210,000	0.000469
2005	562.99	1,573,000	0.000358
2006	550.30	1,720,009	0.000320
2007	476.28	1,381,306	0.000345
2008	517.00	970,927	0.000532
2009	346.69	607,409	0.000571
2010	349.27	706,532	0.000494
		Average	0.000430



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EXHIBIT "G"

Little Rock Irrigation District

<u>Year</u>	<u>Yearly Use (AF)</u>
2003 (connection installed 7/24/03)	3.5
2004	10.88
2011	38.18
2012	41.65