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**Attorneys for Cross-defendants,**  
5 LITTLE ROCK SAND AND GRAVEL, INC.,  
a California Corporation;  
6 THE GEORGE AND CHARLENE LANE FAMILY TRUST;  
THE FRANK AND YVONNE LANE 1993 FAMILY  
7 TRUST, DATED MARCH 5, 1993, AS RESTATED  
JULY 20, 2000; MONTE VISTA BUILDING SITES, INC.,  
8 a California Corporation; A.V. MATERIALS, INC.,  
a California Corporation;  
9 HOLLIDAY ROCK CO., INC.,  
successor in interest to  
10 LITTLE ROCK AGGREGATE CO., INC. dba  
ANTELOPE VALLEY AGGREGATE, INC.;  
11 LITTLE ROCK AGGREGATE CO., INC. dba  
ANTELOPE VALLEY AGGREGATE, INC.  
12

13  
14 **SUPERIOR COURT OF THE STATE OF CALIFORNIA**  
15 **FOR THE COUNTY OF LOS ANGELES**

16	<b>ANTELOPE VALLEY GROUNDWATER CASES</b>	)	Judicial Council Coordination No.
		)	4408
17	Included Actions:	)	
		)	<b>For filing purposes only:</b>
18	Los Angeles County Waterworks	)	<b>Santa Clara County Case No.</b>
	District No. 40 v. Diamond	)	<b>1-05-CV-049053</b>
19	Farming Co. Superior Court of	)	
	California County of Los Angeles,	)	<b>[Assigned to the Honorable Jack</b>
20	Case No. BC 325 201	)	<b>Komar]</b>
		)	
21	Los Angeles County Waterworks 2	)	<b>TRIAL BRIEF OF LITTLE ROCK SAND</b>
	District No. 40 v. Diamond	)	<b>AND GRAVEL, INC., THE GEORGE AND</b>
22	Farming Co. Superior court of	)	<b>CHARLENE LANE FAMILY TRUST, THE</b>
	California, County of Kern, Case	)	<b>FRANK AND YVONNE LANE TRUST,</b>
23	No. S-1500-CV-254-348	)	<b>MONTE VISTA BUILDING SITES, INC.</b>
		)	<b>AND A.V. MATERIALS, INC. FOR</b>
24	<u>Wm. Bolthouse Farms, Inc. V. City</u>	)	<b>PHASE IV TRIAL</b>

1 of Lancaster Diamong Farming Co. )  
V. City of Lancaster Diamond )  
2 Farming Co. V. Palmdale Water )  
Dist. Superior Court of )  
3 California, County of Riverside, )  
consolidated actions, Case No. )  
4 RIC 353 840, RIC 344 436, RIC 344 )  
668 )

**Date: May 28, 2013**  
**Time: 1:00 p.m.**

5  
6 TO THE COURT, TO ALL PARTIES AND THEIR ATTORNEYS OF RECORD  
7 IN THIS MATTER:

8 Cross-defendants LITTLE ROCK SAND AND GRAVEL, INC., a  
9 California Corporation, THE GEORGE AND CHARLENE LANE FAMILY  
10 TRUST, THE FRANK AND YVONNE LANE 1993 FAMILY TRUST, DATED MARCH  
11 5, 1993, AS RESTATED JULY 20, 2000, MONTE VISTA BUILDING SITES,  
12 INC., a California Corporation, and A.V. MATERIALS, INC.  
13 (collectively "Lane Entities") hereby submit the following Trial  
14 Brief for the Phase IV Trial in this matter.

15 Each of the above-referenced corporations and trusts are  
16 affiliated with George Lane and his family. The real properties  
17 at-issue have been owned by the Lane family for many years.  
18 Over the years, various entities that are affiliated with the  
19 Lane Family have been created to hold title to the real  
20 properties at-issue.

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2011 AND 2012 GROUNDWATER PUMPING

The claimed groundwater pumping for the years 2011 and 2012 for the Lane Entities, excluding groundwater pumping on the real properties leased by the Lane Entities to Granite Construction Company, is:

CLAIMANT	2011 Pumping	2012 Pumping
Frank and Yvonne Lane 1993 Family Trust, Little Rock Sand and Gravel, Inc., George and Charlene Lane Family Trust <b>[Does not include water pumped on land leased to Granite Construction, which has not been stipulated to by PWS]</b>	1356 a/f	948 a/f

The claimed groundwater pumping for the years 2011 and 2012 on the real properties that are leased by Little Rock Sand and Gravel, Inc. and the Frank and Yvonne Lane 1993 Family Trust to Granite Construction Company is as follows:

CLAIMANT	2011 Pumping	2012 Pumping
Frank and Yvonne Lane 1993 Family Trust and Little Rock Sand and Gravel, Inc., George and Charlene Lane Family Trust and Monte Vista Building Sites, Inc. <b>[Includes only water pumped on land leased to Granite Construction, which has not been stipulated to by PWS]</b>	418 a/f	423 a/f

Thus, the total claimed groundwater pumping for the Lane entities for the years 2011 and 2012 is as follows:

CLAIMANT	2011 Pumping	2012 Pumping
Frank and Yvonne Lane 1993 Family Trust, Little Rock Sand and Gravel, Inc., George and Charlene Lane Family Trust and Monte Vista Building Sites, Inc. <b>[Includes pumping from all real properties owned by the Lane</b>	1774 a/f	1371 a/f

1 entities]

2  
3 **2011 AND 2012 GROUNDWATER PUMPING BY LOCATION**

4 The Lane entities attach hereto as Exhibit 1 a matrix  
5 showing the APN Nos. of the parcels they own, to whom the  
6 properties are leased, the geographic areas where the properties  
7 are located, the counties the properties are located within, and  
8 the approximate size of the properties.

9 **I. FAIRMONT PROPERTY**

10

OWNER	2011 Pumping	2012 Pumping
Frank and Yvonne Lane 1993 Family	795 a/f	315 a/f

11

12  
13 The Fairmont Property is a 320 acre parcel of real property  
14 located in Kern County at approximately 170<sup>th</sup> Street West and  
15 Avenue A in Rosamond, California. The APN for this parcel of  
16 real property is 261-196-07-00-2. This real property has been  
17 owned by the Lane Family since approximately 1957.

18 The Fairmont Property has been leased to Grimmway  
19 Enterprises, Inc. since approximately October of 2007. The  
20 current lease with Grimmway Enterprises, Inc. continues until  
21 December 31, 2013.

22 During the year 2011, the groundwater pumping on the  
23 Fairmont Property was measured by flow meter readings maintained  
24 by Grimmway Enterprises, Inc. in the amount of 795 acre feet.

1 During the year 2012, the groundwater pumping on the  
2 Fairmont Property was measured by flow meter readings maintained  
3 by Grimmway Enterprises, Inc. in the amount of 315 acre feet.

4 Based upon crop maps that were prepared by Grimmway  
5 Enterprises, Inc. in the normal course of its business, the  
6 following are the type of crops that were grown on the Fairmont  
7 Property during the 2011 and 2012 years:

8 In 2011, 157.64 acres of carrots were grown on the  
9 property. Additionally, 161.64 acres of oats cover crop were  
10 grown on the property.

11 In 2012, 157.64 acres of oats were grown on the property.  
12 Additionally, 161.64 acres of safflower as a cover crop were  
13 grown on the property.

14 If necessary, the Lane entities are also prepared to  
15 establish their water usage based upon the crop maps provided by  
16 Grimmway Enterprises, Inc. and the applied crop water duties in  
17 "Appendix D-3: Table 4, Applied Crop Water Duties and Irrigation  
18 Efficiency Values," through the deposition testimony of their  
19 expert witness, Blake McCullough-Sanden.

20 **II. RANCH PROPERTY**

<b>OWNER</b>	<b>2011 Pumping</b>	<b>2012 Pumping</b>
Frank and Yvonne Lane 1993 Family	237	237

1 The "Ranch Property" is located at Avenue L and 60<sup>th</sup> Street  
2 West in Lancaster, California, in the County of Los Angeles.  
3 The properties are several contiguous parcels that are  
4 approximately 60 acres at the present time. The Lane Family  
5 purchased these properties in approximately 1951.

6 During the years 2011 and 2012, the uses of groundwater on  
7 the Ranch Property were as follows:

8 North Pasture – pasture grass	8.43 acres
9 Alfalfa	1.67 acres
10 South Pasture – pasture grass	13.64 acres
11 Corrals/dust control	21.09 acres
12 Trees/mixed landscape	1.79 acres
13 <b>Total</b>	47.25 acres

14 Additionally, there are approximately 40 cows/calves that  
15 are kept at the Ranch Property approximately half the year,  
16 which consume water. There are also approximately 40 horses  
17 that are kept at the Ranch Property all year round, which  
18 consume water.

19 Expert witness, Blake McCullough-Sanden, made calculations  
20 regarding the water use at the Ranch Property based upon  
21 "Appendix D-3: Table 4 - Applied Crop Water Duties and  
22 Irrigation Efficiency Values." In that regard, he calculated  
23 that the groundwater pumping on the Ranch Property for 2011 and  
24 2012 was approximately 237 acre feet per year. Attached hereto  
as Exhibit 2 is a chart prepared by expert witness Blake

1 McCullough-Sanden showing the groundwater pumping on the Ranch  
2 Property for the years 2011 and 2012.

3 **III. GODDE PASS PROPERTY**

OWNER	2011 Pumping	2012 Pumping
George and Charlene Lane Family Trust	7 a/f	7 a/f

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6 The real properties referred to by the Lane Family as the  
7 "Godde Pass Property" have been in the Lane Family since  
8 approximately 1969. These real properties are currently owned  
9 by the George and Charlene Lane Family Trust. These real  
10 properties are contiguous and are approximately 1,200 acres.  
11 They are located in the hills above Avenue N and 70<sup>th</sup> Street West  
12 in Palmdale, California.

13 The uses for groundwater on the Godde Pass Property for  
14 2011 and 2012 are stock water troughs, cow-calf water, and  
15 approximately 1.32 acres of deciduous and conifer trees.

16 Attached hereto as Exhibit 3 is a chart prepared by expert  
17 witness Blake McCullough-Sanden showing the groundwater pumping  
18 on the Godde Pass Property for the years 2011 and 2012.

19 **IV. PROPERTIES LEASED TO HOLLIDAY ROCK CO., INC.**

OWNER	2011 Pumping	2012 Pumping
Little Rock Sand and Gravel, Inc. and Frank and Yvonne Lane 1993 Family Trust	317 a/f	389 a/f

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23 Little Rock Sand and Gravel, Inc. and the Frank and Yvonne  
24 Lane 1993 Family Trust own real properties located at

1 approximately 7749 E. Avenue T, Littlerock, California 93543,  
2 which are leased to Holliday Rock Co., Inc. ("Palmdale  
3 Facility"). The properties total approximately 320 acres and  
4 are contiguous. In 2011 and 2012 the properties were used for  
5 washing and processing aggregate, ready mix plant water usage,  
6 and site dust suppression.

7 Holliday Rock Co., Inc. pumps groundwater from a  
8 groundwater well into a pond at its Palmdale Facility. Water is  
9 pumped into a pond given that the groundwater well cannot pump  
10 sufficient quantities of water directly to the processing plant  
11 to process aggregate. Holliday Rock Co., Inc. runs its turbine  
12 booster pump, which floats on a pontoon in the pond, at all  
13 times that it is processing aggregate, as water is needed to  
14 wash the aggregate. Water is pumped from the pond by the  
15 booster pump to the aggregate processing plant at all times that  
16 the processing plant is operating. Holliday Rock Co., Inc.  
17 calculated its water use on these properties by using the annual  
18 hours of aggregate production multiplied by the quantity of  
19 water pumped by the turbine booster pump per hour while the  
20 plant is operating (based upon a Southern California Edison  
21 Company Pump test), to arrive at the annual number of gallons of  
22 water used at the plant. Then it converted gallons to acre feet  
23 to arrive at the quantity of acre feet used per year.



1 Holliday Rock Co., Inc. also calculated its Ready Mix Plant  
2 Water Usage by using the annual production quantity of Ready Mix  
3 Concrete in yards, multiplied by the water used to produce a  
4 yard of concrete (40 gallons per yard), then converted gallons  
5 to acre feet.

6 Holliday Rock Co., Inc. calculated its site dust  
7 suppression usage by using the 3000 gallon capacity of its water  
8 trucks, times the number of trips per day, times the number of  
9 operating days (250), to arrive at its water usage in gallons,  
10 and then converted it to acre feet.

11 These properties are located immediately adjacent to  
12 properties that Holliday Rock Co., Inc. leases from Littlerock  
13 Aggregate Co., Inc. The water usage and aggregate processing on  
14 the two properties is totally separate and distinct. The  
15 groundwater pumped on the properties leased from Littlerock  
16 Aggregate Co., Inc. is not included within these pumping  
17 numbers.

18 Attached hereto as Exhibit 4 is a document showing the  
19 manner in which groundwater pumping was calculated for the  
20 properties leased to Holliday Rock during the years 2011 and  
21 2012.

22 The public water suppliers' aggregate expert, Steve  
23 Cortner, testified in his deposition that the quantity of water  
24 used by Holliday Rock at the Palmdale Facility is reasonable.

1 Mr. Cortner also testified that the methodology and calculations  
2 used to calculate water use at the Palmdale Facility were  
3 reasonable.

4 **IV. PROPERTIES LEASED TO GRANITE CONSTRUCTION COMPANY**

<b>OWNER</b>	<b>2011 Pumping</b>	<b>2012 Pumping</b>
Little Rock Sand and Gravel, Inc., Frank and Yvonne Lane 1993 Family Trust, and Monte Vista Building Sites, Inc.	418 a/f	423 a/f

8 Little Rock Sand and Gravel, Inc., the Frank and Yvonne  
9 Lane 1993 Family Trust and Monte Vista Building Sites, Inc.  
10 (collectively "LRSG") own real properties located at  
11 approximately 7005 Pearblossom Hwy., Littlerock, CA 93543, which  
12 have been leased to Granite Construction Company, Inc. since  
13 approximately 1987. The properties total approximately 240  
14 acres and are contiguous. In 2011 and 2012 the properties were  
15 used for mining aggregate, washing and processing aggregate, and  
16 site dust suppression. There are three groundwater wells on the  
17 LRSG properties. Granite pumps groundwater into a pond on the  
18 LRSG properties, and processes its aggregate on the LRSG

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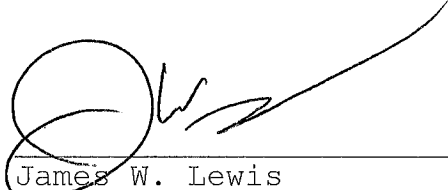
23 ///

1 properties with the water. The water is also used for site dust  
2 suppression on the LRSG properties.

3 Dated: May 27, 2013

TAYLOR & RING

4  
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6 By:



James W. Lewis  
Attorneys for Cross-  
Defendants HOLLIDAY ROCK  
CO., INC., successor in  
interest to LITTLE ROCK  
AGGREGATE CO., INC. dba  
ANTELOPE VALLEY  
AGGREGATE, INC.; THE  
FRANK AND YVONNE LANE  
1993 FAMILY TRUST, DATED  
MARCH 5, 1993, AS  
RESTATED JULY 20, 2000,  
successor in interest to  
FRANK A. LANE, ROE 612;  
THE GEORGE AND CHARLENE  
LANE FAMILY TRUST,  
Successor in interest to  
George M. Lane, Roe 316;  
MONTE VISTA BUILDING  
SITES, INC., a  
California Corporation;  
A.V. MATERIALS, INC., a  
California Corporation,  
ROE 9; A.C. WARNACK,  
as Trustee of the A.C.  
WARNACK TRUST; LITTLE  
ROCK SAND AND GRAVEL,  
INC.

# **EXHIBIT 1**

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EXHIBIT "A"

<u>APN Nos.</u>	<u>Contiguous Property Leased to:</u> See Note a.	<u>Owned by:</u> See Note 1.	<u>Geographic Area:</u>	<u>County</u>
3050-028-015	Granite Construction Company	Monte Vista Building Sites, Inc.	Littlerock Area	Los Angeles
3050-010-016	Granite Construction Company	The Frank and Yvonne Lane 1993 Family Trust	Littlerock Area	Los Angeles
3050-010-006	Granite Construction Company	Little Rock Sand and Gravel, Inc.	Littlerock Area	Los Angeles
3050-022-014	Granite Construction Company	Littlerock Sand and Gravel, Inc.	Littlerock Area	Los Angeles
3050-022-010	Granite Construction Company	Littlerock Sand and Gravel, Inc.	Littlerock Area	Los Angeles

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<u>APN Nos.</u>	<u>Contiguous Property Leased to:</u>	<u>Owned by:</u>	<u>Geographic Area:</u>	<u>County:</u>
	See Note b.	See Note 2.		
261-196-07-00-2	Grimmway Enterprises, Inc.	The Frank and Yvonne Lane 1993 Family Trust.	Fairmont	Kern
<u>APN Nos.</u>	<u>Contiguous Property Leased to:</u>	<u>Owned by:</u>	<u>Geographic Area:</u>	<u>County:</u>
	Holliday Rock Co., Inc. See Note c.	See Note 3.		
3042-023-002	Holliday Rock Co., Inc.	The Frank and Yvonne Lane 1993 Family Trust	Littlerock area	Los Angeles
3051-008-007	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-006-015	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-008-005	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-005-029	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		

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3051-008-010	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-004-006	Holliday Rock Co., Inc.	The Frank and Yvonne Lane 1993 Family Trust		
3051-008-011	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-007-015	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
3051-007-008	Holliday Rock Co., Inc.	Little Rock Sand and Gravel, Inc.		
<b><u>APN Nos.</u></b>	<b><u>Contiguous Property Leased to:</u></b> See Note d.	<b><u>Owned by:</u></b> See Note 4.	<b><u>Geographic Area:</u></b>	<b><u>County:</u></b>
3050-011-009	Harrison Nichols	Littlerock Sand & Gravel, Inc.	Littlerock area	Los Angeles
<b><u>APN Nos.</u></b> Information to the right applies to all of the APN Numbers under this heading	<b><u>Contiguous Property Leased to:</u></b> Not Leased – Used by Owner 2000 to present- “Ranch Property”	<b><u>Owned by:</u></b> The Frank and Yvonne Lane 1993 Family Trust See Note 5.	<b><u>Geographic Area:</u></b> L and 60 <sup>th</sup> West	<b><u>County:</u></b> Los Angeles
3102-027-034				

1	3102-027-041				
2	3102-027-040				
3	3102-027-042				
4	3102-027-043				
5	3102-027-044				
6	3102-027-045				
7	3102-027-037				
8	3102-027-035				
9	3102-027-036				
10	<b><u>APN Nos.</u></b>	<b><u>Contiguous</u></b>	<b><u>Owned by:</u></b>	<b><u>Geographic</u></b>	<b><u>County:</u></b>
11	The information to	<b><u>Property Leased</u></b>	George and	<b><u>Area:</u></b>	Los Angeles
12	the right is	<b><u>to:</u></b> Not currently	Charlene Lane	"85 <sup>th</sup> and K-8	
13	applicable for all	leased	Family Trust	Property"	
14	APN Numbers	See Note e.	See Note 6.		
15	3248-024-007				
16	3248-024-008				
17	3248-024-031				
18	3248-024-032				
19	<b><u>APN Nos.</u></b>	<b><u>Contiguous</u></b>	<b><u>Owned by:</u></b>	<b><u>Geographic</u></b>	<b><u>County:</u></b>
20		<b><u>Property Leased</u></b>	George and	<b><u>Area:</u></b>	Los Angeles
21		<b><u>to:</u></b> Not leased.	Charlene Lane	N and 70 <sup>th</sup> Street	
22			Family Trust	West – "Godde	
23			See Note 7.	Pass Property"	
24	3205-001-056				
	3205-001-057				
	3205-001-059				



1	3205-001-060				
2	3205-001-077				
3	3205-001-078				
4	3205-001-079				
5	3205-001-080				
6	3205-001-081				
7	3205-001-082				
8	3205-001-085				
9	3205-001-071				
10	3205-001-073				
11	3205-001-074				
12	3205-001-075				
13	3205-001-076				
14	3205-001-068				
15	3205-001-069				
16	3205-001-072				
17	3205-001-073				

- 18 1. The properties have been owned as reflected on Exhibit A between 2000 and the present.
- 19 2. The Frank And Yvonne Lane 1993 Family Trust, Dated March 5, 1993, As Restated July 20,
- 20 2000, (2000 to 2001), George M. Lane (2001 to 2007), and The George and Charlene Lane
- 21 Family Trust (2007 to the present).
- 22 3. All Holliday Rock Co., Inc. properties have been under the same ownership from 2000 to the
- 23 present.
- 24 4. Under the same ownership from 2000 to the present.
5. The Ranch Property has been under the same ownership since 2000 to the present.

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6. George M. Lane held title to the K-8 properties from 2000 to 2007. The ownership was transferred to the George and Charlene Lane Family Trust in 2007.

7. George M. Lane Held title to the Godde Pass properties from 2000 to 2008. The ownership was transferred to the George and Charlene Lane Family Trust in 2008.

a. Granite Construction has been the lessee of the properties at all times between 2000 and the present.

b. The lessees have been John Calandri Farms, Inc. 2000-2002; Son Rise Farms 2003 to 2007; Grimmway Enterprises, Inc. 2008 to 2012.

c. Holliday Rock Co., Inc. has been the only lessee of the property from 2000 to the present.

d. Harrison Nichols has been the only lessee of the property from 2000 to the present.

e. The property was leased to Southern California Edison from approximately 2006 to 2008 for water usage.

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EXHIBIT "B"

<u>APN Nos.</u>	<u>Contiguous Property Leased to:</u>	<u>Approx. Size in Acres</u>	<u>Geographic Area:</u>	<u>County</u>
3050-028-015	Granite Construction Company	80	Littlerock Area	Los Angeles
3050-010-016	Granite Construction Company	60	Littlerock Area	Los Angeles
3050-010-006	Granite Construction Company	20	Littlerock Area	Los Angeles
3050-022-014	Granite Construction Company	20	Littlerock Area	Los Angeles
3050-022-010	Granite Construction Company	60	Littlerock Area	Los Angeles

1	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approx. Size in</u>	<u>Geographic</u>	<u>County:</u>
2		<u>Property Leased</u>	<u>Acres:</u>	<u>Area:</u>	
3		<u>to:</u>			
4	261-196-07-00-2	Grimmway	320	Fairmont	Kern
5		Enterprises, Inc.			
6	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approx. Size in</u>	<u>Geographic</u>	<u>County:</u>
7		<u>Property Leased</u>	<u>Acres:</u>	<u>Area:</u>	
8		<u>to:</u>			
9		Holliday Rock Co.,			
10	3042-023-002	Holliday Rock Co.,	40	Little rock area	Los Angeles
11		Inc.			
12	3051-008-007	Holliday Rock Co.,	40		
13		Inc.			
14	3051-006-015	Holliday Rock Co.,	40		
15		Inc.			
16	3051-008-005	Holliday Rock Co.,	40		
17		Inc.			
18	3051-005-029	Holliday Rock Co.,	20		
19		Inc.			
20	3051-008-010	Holliday Rock Co.,	30.8		
21		Inc.			
22	3051-004-006	Holliday Rock Co.,	10		
23		Inc.			
24	3051-008-011	Holliday Rock Co.,	49.2		
		Inc.			

1	3051-007-015	Holliday Rock Co.,	40		
2		Inc.			
3	3051-007-008	Holliday Rock Co.,	10		
4		Inc.			
5	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approx. Size in</u>	<u>Geographic</u>	<u>County:</u>
6		<u>Property Leased</u>	<u>Acres:</u>	<u>Area:</u>	
7		<u>to:</u>			
8	3050-011-009	Harrison Nichols	5	Littlerock area	Los Angeles
9	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approx. Size in</u>	<u>Geographic</u>	<u>County:</u>
10	Information to the	<u>Property Leased</u>	<u>Acres:</u>	<u>Area:</u>	Los Angeles
11	right applies to all	<u>to:</u>	The Ranch	L. and 60 <sup>th</sup> West	
12	of the APN	Not Leased – Used	parcels total		
13	Numbers under	by Owner-	approximately 65		
14	this heading	“Ranch Property”	acres		
15	3102-027-034				
16	3102-027-041				
17	3102-027-040				
18	3102-027-042				
19	3102-027-043				
20	3102-027-044				
21	3102-027-045				
22	3102-027-037				
23	3102-027-035				
24	3102-027-036				

1	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approximate</u>	<u>Geographic</u>	<u>County:</u>
2	The information to	<u>Property Leased</u>	<u>Size in Acres:</u>	<u>Area:</u>	Los Angeles
3	the right is:	<u>to:</u> Not currently		"85 <sup>th</sup> and K-8	
4	applicable for all	leased		Property"	
5	APN Numbers				
6	3248-024-007		4.54		
7	3248-024-008		4.07		
8	3248-024-031		4.29		
9	3248-024-032		4.76		
10	<u>APN Nos.</u>	<u>Contiguous</u>	<u>Approximate</u>	<u>Geographic</u>	<u>County:</u>
11		<u>Property Leased</u>	<u>Size in Acres:</u>	<u>Area:</u>	Los Angeles
12		<u>to:</u> Not currently	The Godde Pass	N and 70 <sup>th</sup> Street	
13		leased.	Properties Total	West - "Godde	
14			approximately	Pass Property"	
15			1120 acres.		
16			They are		
17			contiguous		
18			parcels.		
19	3205-001-056				
20	3205-001-059				
21	3205-001-060				
22	3205-001-077				
23	3205-001-078				
24	3205-001-079				
	3205-001-080				
	3205-001-081				

1	3205-001-082				
2	3205-001-085				
3	3205-001-071				
4	3205-001-073				
5	3205-001-074				
6	3205-001-075				
7	3205-001-076				
8	3205-001-057				
9	3205-001-068				
10	3205-001-069				
11	3205-001-072				
12	3205-001-073				

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# **EXHIBIT 2**



**Lane Home Ranch – 60th Street West and Avenue L**

(Water use calculated by crop/item acreage/number multiplied by expected water duty)

Crop	Acreage	Applied Crop Water Duties (Appendix D-3: Table 4)			Total Water Demand @ 80% Irrig Effic (ac-ft)
		ET <sub>AW</sub> (inch)	AW <sub>0</sub> (inch)	AW <sub>r</sub> (inch)	
Alfalfa	1.87	80.3	76.4	77.4	10.77
North Pasture	8.43	64.4	60.5	60.5	56.67
South Pasture	13.64	64.4	60.5	60.5	91.51
Corral/dust control	21.09	32.2	40.3	40.3	70.77
Cow-Calf Water	40 pair	15.0 gal/day/pair		180 days	0.29
Horses	40 head	10.0 gal/day/head		365 days	0.20
Mixed landscape, paths & trees	1.79	35.5	44.4	44.4	8.83
<b>ANNUAL RANCH TOTAL</b>					<b>236.74</b>

<sup>1</sup>Pasture and corral acreage are basically permanent. Alfalfa planted most years.

<sup>2</sup>Acreage calculated using 2012 Google Map Satellite Image.

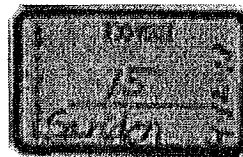
<sup>3</sup>From: Applied Crop Water Duties, Irrigation Efficiencies and Agricultural Return Flows (Appendix D-3: Table 4) (DU = 80%) Antelope Valley Area of Adjudication. Accepted crop water use numbers for the Antelope Valley, supplied by Jim Lewis 1/11/13.

<sup>4</sup>Evapotranspiration of applied water = ET<sub>0</sub> - Effective precipitation (calculated at 0.5" rainfall, which is only applicable to winter crops)

<sup>5</sup>Applied water for crop requirement = ET<sub>AW</sub> / DU where DU is the field distribution uniformity @ 80%

<sup>6</sup>Applied water total = APPLIED CROP WATER DUTY = ET<sub>AW</sub> + water required for field prep, pre-irrigation and erosion control.

<sup>7</sup>Assumes water applied for dust control every other day at a rate equal to pasture water use.



**EXHIBIT 3**

### Godde Hill Water Use

(Water use calculated by crop/item acreage/number multiplied by expected water duty)

(calculation for  $AW_T$  stock water trough evaporation corrected 4/11/13)

<sup>1</sup> Crop / Item	<sup>1a</sup> Acres	<sup>2</sup> Applied Crop Water Duties (Appendix D-3: Table 4)				Total Water Demand (ac-ft)	Year	AVEC Deliveries (ac-ft)
		<sup>2a</sup> $ET_{AW}$ (inch)	<sup>2b</sup> $AW_C$ (inch)	<sup>2c</sup> $AW_T$ (inch)				
Deciduous & Conifer Trees	1.32	47.4	59.2	59.2	6.51	2000	15.65	
<sup>3</sup> Stock Water Troughs	0.0062	62.7	62.65	72.2	0.04	2001	14.82	
<sup>4</sup> Cow-Calf Water	40 pair	15.0	gal/day/pair	205 days	0.38	2002	17.51	
<b>ANNUAL RANCH TOTAL</b>						2003	17.98	
						2004	31.77	
						2005	16.02	
						2006	16.64	
						2007	14.68	
						2008	9.33	
						2009	12.75	
						2010	14.61	
						2011	12.50	
						2012	13.16	

<sup>1</sup>Trees and stockwater pans are permanent.

<sup>1a</sup>Acreage calculated using 2012 Google Map Satellite Image.

<sup>2</sup>From: Applied Crop Water Duties, Irrigation Efficiencies and Agricultural Return Flows (Appendix D-3: Table 4) (DU = 80%) Antelope Valley Area of Adjudication. Accepted crop water use numbers for the Antelope Valley, supplied by Jim Lewis 1/11/13.

<sup>2a</sup>Evapotranspiration of applied water =  $ET_c$  - Effective precipitation (calculated at 0.5\* rainfall, which is only applicable to winter crops. For stockwater troughs considered 100% effective.)

<sup>2b</sup>Applied water for crop requirement =  $ET_{AW} / DU$  where DU is the field distribution uniformity @ 80%. Stockwater troughs considered 100% uniform -- no inefficiency losses.

<sup>2c</sup>Applied water total = APPLIED CROP WATER DUTY =  $ET_{AW}$  + water required for field prep, pre-irrigation and erosion control. Metal Stockwater Trough (Dryland Pan Evaporation) = Pasture  $AW_C / 0.67 * 0.772$  (Source: Personal communication from unpublished comparison of dryland pan evaporation and pasture pan evaporation in the San Joaquin Valley, Dave Scruggs. 2001. DWR.)

<sup>3</sup>Seven galvanized circular stockwater troughs 7 feet diameter.

<sup>4</sup>Applied Estimated stock water requirement for cow-calf pairs for beef and stock horses. Porath, M., A. Ruddell and T. Bedell. 2010. Use of water and other tools for improved grazing management. Cow-Calf Management Guide, Cattle Producers Library, Univ of Idaho Exten. p. 535-2.



**EXHIBIT 4**

**Antelope Valley Groundwater Cases**  
**Case No. BC 325 301, et.al.**  
**Palmdale Site**

Holliday Rock Co., Inc. provides the following regarding Assessor's Parcel Numbers 3051-008-007, 3051-008-005, 3051-008-010, 3051-008-011, 3051-007-008, 3051-007-015, 3051-005-029, 3051-006-015, 3042-023-002, and 3051-004-006, all of which are located in the County of Los Angeles, State of California. Holliday leases these properties from Little Rock Sand and Gravel, Inc. under a long term lease which is subject to Conditional Use Permit CUP 96-4.

The process involved in the manufacture of aggregates and concrete require substantial amounts of water. The following is a description of the aggregate manufacturing process. Raw rock, sand and gravel are extracted from the site below grade and brought to the processing plant via land conveyors. The aggregate processing plant uses water to wash the fines and deleterious materials out of the raw minerals to achieve cleanliness measures per the specifications for construction materials. The plant is subject to a number of governmental authorities and permits. The Antelope Valley Air Quality Management District requires the use of water for dust suppression both in the plant as well as in and around the entire site (over 300 acres). Holliday controls two industrial wells on site and uses them in tandem to fill a fresh water pond capable of supplying all the water needs for its industrial processes. The fresh water pond has a pond pump which pumps the water to the rock plant. The rock plant water consumption is 1235 gallons per minute, based on hydraulic test results on the pond pump performed on January 17, 2013. The throughput capacity of the aggregate plant (tons per hour) is shown for Years 2011 and 2012 based on belt scale readings, and production reports. Belt scale readings were not available for the Water Years 2000 through 2004. Thus an average plant production rate was derived from data (belt scale readings) for the Water Years 2008 through 2010 and applied to the 2000 - 2004 years, as detailed below.

The on-site ready mixed concrete plant uses the aggregate supplied by the rock plant and mixes them with cement and water to produce concrete. Each yard of concrete produced requires at least 30 gallons of water per the mix design. Additionally, each truck has a 100 gallon water tank which is filled with each 10 yard load. Thus the total water used per cubic yard of concrete is 40 gallons.

Below is Holliday Rock Co., Inc.'s annual water usage for the year 2011 and 2012, and for the years 2000 through 2004. The assumptions to the calculations were based on actual production numbers (tons of rock and sand produced and sold) for the aggregate plant and yards of concrete shipped and sold for the ready mix plant, in tandem with the factors listed above. Additionally, water used for dust suppression in and around the 300 acre site has been shown separately.

**YEAR**

**2011**

**Aggregate Plant Water Usage**

a) Annual Aggregate Production (tons)	501,836
b) Plant Production (tons/hour)	380
c) Hours of Production (a/b)	1321
d) Water Usage per hour (1235gpm x 60)	74,100
e) Annual Water Used (c x d) gallons	97,886,100
f) Acre Feet (e/325,800)	300.45

**Ready Mix Plant Water Usage**

a) Annual Production (yards)	23,825
b) Water Usage (40 gal./yd)	953,000
c) Acre Feet (b/325,800)	2.93

**Site Dust Suppression**

a) 3000 gallon water truck - 6 trips/day	18,000
b) Operating Days : 250	
c) Water Usage (18,000 gals/day x 250)	4,500,000
d) Acre Feet (c/325,800)	13.81

**2011 TOTAL**

**317719 ACRES- FEET**

**YEAR**

**2012**

**Aggregate Plant Water Usage**

a) Annual Aggregate Production (tons)	645,944
b) Plant Production (tons/hr)	397
c) Hours of Production (a/b)	1628
d) Water Usage per hour (1235gpm x 60)	74,100
e) Annual Water Used (c x d) gallons	120,634,800
f) Acre Feet (e/325,800)	370.27

**Ready Mix Plant Water Usage**

a) Annual Production (yards)	39,248
b) Water Usage (40 gal./yd)	1,569,920
c) Acre Feet (b/325,800)	4.82

**Site Dust Suppression**

a) 3000 gallon water truck - 6 trips/day	18,000
b) Operating Days : 250	
c) Water Usage (18,000 gals/day x 250)	4,500,000
d) Acre Feet (c/325,800)	13.81

**2012 TOTAL**

**388,900 ACRES- FEET**

PROOF OF SERVICE  
(C.C.P. 1013A, 2015.5)

STATE OF CALIFORNIA

I am employed in the County of Los Angeles, State of California. I am over the age of eighteen years and not a party to the within action; my business address is 10900 Wilshire Boulevard, Suite 920, Los Angeles, California 90024.

On May 27, 2013, I served the foregoing document, described as:

**TRIAL BRIEF OF LITTLE ROCK SAND AND GRAVEL, INC., THE GEORGE AND CHARLENE LANE FAMILY TRUST, THE FRANK AND YVONNE LANE TRUST, MONTE VISTA BUILDING SITES, INC. AND A.V. MATERIALS, INC. FOR PHASE IV TRIAL**

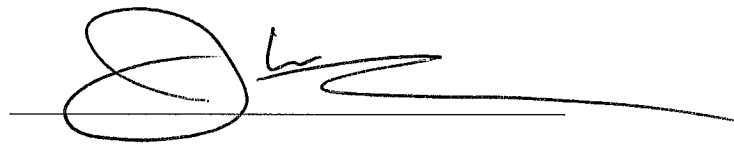
on the interested parties in this action in the following manner:

X **BY ELECTRONIC SERVICE AS FOLLOWS** by posting the document(s) listed above to the Santa Clara website in the action of the *Antelope Valley Groundwater Litigation*, Judicial Council Coordination Proceeding No. 4408, Santa Clara Case No. 1-05-CV-049053.

Executed on May 27, 2013 at Los Angeles, California.

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

James W. Lewis \_\_\_\_\_



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