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SUPERIOR COURT OF THE STATE OF CALIFORNIA  
FOR THE COUNTY OF SANTA CLARA

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)  
) Santa Clara  
ANTELOPE VALLEY GROUNDWATER CASES, ) Case No.  
) 1-05-CV-049053  
)  
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TRIAL TESTIMONY OF JOSEPH SCALMANINI  
MONDAY, JANUARY 10, 2011  
VOLUME I (Pages 1 - 138)

REPORTED BY:  
JANIS JENNINGS, CSR 3942, CLR, CRP

1 and experience, did you reach any opinions in this  
2 matter for the Phase 3?

3 A. Yes.

4 Q. What are the opinions?

5 A. Well, you asked about yield first and so 11:11:59  
6 my opinions would be that in concert with others;  
7 you know, meaning that the analysis is not all mine,  
8 that it would be my opinion or my conclusion that  
9 the native or natural yield of the groundwater basin  
10 is about 82,000 or -- you know, we used, you know, a 11:12:26  
11 third digit, the 82,300 acre feet per year, meaning  
12 that's the yield that derives from waters that are  
13 local to the Valley itself.

14 As I think most know, that the Antelope  
15 Valley has made use of supplemental waters primarily 11:12:50  
16 from the state water project since the 1970s, and  
17 the importation and use of that supplemental water  
18 contributes in an indirect fashion additional  
19 recharge to the basin which augments the yield of  
20 the basin. 11:13:10

21 And I'm sure we'll get into it in more  
22 detail later, depending on what time period you  
23 analyze as representative cultural conditions, that  
24 that use of supplemental water contributes something  
25 on the order of 25,000 to 28,000 acre feet per year 11:13:29

1 of additional yield.

2 So that in total the native yield plus a  
3 supplemental yield would add up to the better part  
4 of 110,000 acre feet per year. The single number  
5 that has been probably used the most or gotten the 11:13:52  
6 most publicity is that of the different cultural  
7 conditions that we analyzed, if 2005 were selected  
8 as the single representative year of typical  
9 cultural conditions in the basin, then the total  
10 safe -- or we use the words "sustainable" quite a 11:14:13  
11 bit in our work -- yield in the basin would be  
12 110,500 acre feet per year.

13 Q. And as you use the term "safe yield" and  
14 "sustainable yield," are those terms interchangeable  
15 for your purposes? 11:14:28

16 A. Yes. Both intended to convey the same  
17 concept, as I described earlier; meaning, you know,  
18 long-term renewability or sustainability of the  
19 resource.

20 Q. And do you have any opinions regarding 11:14:41  
21 pumping as in comparison to the safe yield?

22 A. Well, again, it gets into sort of a time  
23 frame, but lots could be said about the Antelope  
24 Valley historically; you know, significant, you  
25 know, buildup of irrigated agriculture and 11:15:02

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CERTIFICATE OF REPORTER

I, JANIS L. JENNINGS, a Certified Shorthand Reporter of the State of California, do hereby certify:

That the foregoing proceedings were taken before me at the time and place herein set forth; that any witnesses in the foregoing proceedings, prior to testifying, were placed under oath; that a verbatim record of the proceedings was made by me using machine shorthand which was thereafter transcribed under my direction; further, that the foregoing is an accurate transcription thereof.

I further certify that I am neither financially interested in the action nor a relative or employee of any attorney of any of the parties.

IN WITNESS WHEREOF, I have this date subscribed my name.

Dated: January 20, 2011

JANIS JENNINGS  
CSR NO. 3942, CLR, CRP