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11 **IN THE SUPERIOR COURT OF THE STATE OF ARIZONA**  
12 **IN AND FOR THE COUNTY OF MARICOPA**

13 IN RE THE GENERAL ADJUDICATION  
14 OF ALL RIGHTS TO USE WATER IN  
15 THE GILA RIVER SYSTEM AND  
16 SOURCE

17 W-1 (Salt)  
18 W-2 (Verde)  
19 W-3 (Upper Gila)  
20 W-4 (San Pedro)  
21 (Consolidated)

22 Contested Case No. W1-11-3311

23 **ARIZONA DEPARTMENT OF WATER**  
24 **RESOURCES' NOTICE OF FILING**  
25 **REPORT**

26 (Special Master Susan Ward-Harris)

**CONTESTED CASE NAME:** *In re Luebbermann*

**HSR INVOLVED:** San Pedro River Watershed Hydrographic Survey Report ("HSR")

**DESCRIPTIVE SUMMARY:** The Arizona Department of Water Resources ("ADWR") provides notice of filing its report as requested by the Court in the Order dated October 23, 2018.

**NUMBER OF PAGES:** Three and Two-page Attachment

**DATE OF FILING:** November 9, 2018

1 Pursuant to the Court's Order in this matter dated October 23, 2018, ADWR  
2 hereby provides notice of filing its report addressing changes to the quantities of water for  
3 irrigation use listed in the HSR based on the varying acreages of currently irrigated fields  
4 provided by Counsel David Brown and by the Claimants. A copy of ADWR's report is  
5 attached to the original of this Notice being filed with the Clerk and is being posted to  
6 ADWR's web site at:

7 <http://www.azwater.gov/AzDWR/SurfaceWater/Adjudications/default.htm>.

8 **DATED** this 9<sup>th</sup> day of November, 2018.

9  
10 ARIZONA DEPARTMENT OF WATER  
RESOURCES

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12 \_\_\_\_\_  
Kimberly R. Parks, Deputy Counsel  
13 Janet L. Miller, Deputy Counsel

14 **ORIGINAL** of the foregoing notice and  
15 attachment sent by first-class mail on  
November 9, 2018, to:

16 Clerk of the Maricopa Superior Court  
17 Attn: Water Case  
18 601 W. Jackson Street  
Phoenix, Arizona 85003

19 **COPIES** of the foregoing notice and  
20 attachment sent by first-class mail on  
21 November 9, 2018, to:

22 Special Master Susan Ward-Harris  
23 Maricopa County Superior Court  
Central Court Building  
24 201 West Jefferson Street, Suite 3A  
25 Phoenix, AZ 85003-2205  
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**COPIES** of the foregoing notice sent by first-class mail on November 9, 2018 to all parties on the court-approved mailing list for Contested Case No. W1-11-3311.

*Sharon Scantlebury*

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**ATTACHMENT**

## CHANGES IN QUANTITIES OF WATER

This report reflects potential changes in the quantities of water assigned for irrigation use for mapped irrigated lands - PWRs IR001, IR002 and IR003 - located within the boundaries of the watershed file report (WFR) 115-04-ADA-002 based on varying acreages of currently irrigated fields recently provided by Counsel David Brown and the Claimants.

QUANTITIES OF USE							
PWR #	QUANTIFICATION TYPE	ACRES	CROP TYPE	EFF	WATER DUTY	ESTIMATED VOLUME	REMARKS
DMOO1							SEE VOLUME 1 - GENERAL ASSESSMENT
IROO1	MAX. OBSERVED	5.3	MULTI. CROPS	45%	5.7 AF/AC	30.2 AFA	
	REGIONAL	5.3	AVE. CRDP	50%	5.4 AF/AC	28.6 AFA	
	MAX. POTENTIAL	5.3	ALFALFA	45%	7.4 AF/AC	39.2 AFA	
IROO2	MAX. OBSERVED	4.0	SUMMER PSTR	45%	4.3 AF/AC	17.2 AFA	
	REGIONAL	4.0	AVE. CRDP	50%	5.4 AF/AC	21.6 AFA	
	MAX. POTENTIAL	4.0	ALFALFA	45%	7.4 AF/AC	29.6 AFA	
IROO3	MAX. OBSERVED	1.4	FRUIT W/GC	45%	7.8 AF/AC	10.9 AFA	
	REGIONAL	1.4	AVE. CRDP	50%	5.4 AF/AC	7.6 AFA	
	MAX. POTENTIAL	1.4	ALFALFA	45%	7.4 AF/AC	10.4 AFA	

*Figure 1: From WFR 115-04-ADA-002 (San Pedro HSR, Vol. 6, pg. 89)*

The varying acreages are described in *Arizona Department of Water Resources Notice of Filing Maps, filed September 10, 2018*.

“The polygonal (geometric) areas taken from the maps submitted by Mr. Brown are shown in red on Map A and in aqua on Map B. The red irrigated area depicted in Map A is approximately 5.1 acres in size. The aqua irrigated area depicted in Map B is approximately 5.3 acres in size.

The GPS points submitted by Mr. Brown were used to create the shape outlined in yellow on the maps. The area outlined in yellow on Map A is approximately 6.0 acres in size. The area outlined in yellow on Map B is approximately 4.6 acres in size.

Irrigated areas as they were mapped in the 1991 San Pedro HSR I (“HSR”), which are outlined in blue on the maps. In the HSR, PWRs IR002 and IR003 (Turcotte parcel) totaled 5.41 acres in size (4.0 acres for IR002; 1.41 acres for IR003), and PWR IR001 (Rychener parcel) was determined to be 5.3 acres in size.”



The table below displays the quantities of water for irrigation use determined at the time of the HSR and quantities calculated for the new acreages provided by Counsel David Brown and by the Claimants. The quantification type and water duty assigned in the HSR were not changed for this report.

PWR	HSR Acres	Crop Type	Water Duty		HSR Volume		Brown Map Acres	Brown Map Volume		Turcotte GPS Acres	Turcotte GPS Volume	
IR001	5.3	Multi. Crops	5.7	AF/AC	30.2	AFA	5.3	30.2	AFA	4.6	26.2	AFA
		Ave. Crop	5.4	AF/AC	28.6	AFA		28.6	AFA		24.8	AFA
		Alfalfa	7.4	AF/AC	39.2	AFA		39.2	AFA		34.0	AFA
IR002	4	Summer Pstr.	4.3	AF/AC	17.2	AFA	5.1	21.9	AFA	6	25.8	AFA
		Ave. Crop	5.4	AF/AC	21.6	AFA		27.5	AFA		32.4	AFA
		Alfalfa	7.4	AF/AC	29.6	AFA		37.7	AFA		44.4	AFA
IR003	1.41	Fruit w/GC	7.8	AF/AC	10.9	AFA		39.8	AFA		46.8	AFA
		Ave. Crop	5.4	AF/AC	7.6	AFA						
		Alfalfa	7.4	AF/AC	10.4	AFA						

