

**Conversion of Base Irrigation Groundwater Application Summary
Conversion Based on Installation of Pivot System
DH335 Partners, LLC**

Permit Number: P102-029 (UV00575)
Purpose of Use: Irrigation
Place of Use: Uvalde County
Original Permitted Amount: 249.600 acre-feet
Irrigation Base Amount: 124.800 acre-feet
Irrigation Unrestricted Amount: 124.800 acre-feet
Date Board Issued Original IRP: January 9, 2001

EAA WELL NO.	LOCATION	MEASURING METHOD	WITHDRAWAL RATE
W101-711 (UV00575-001)	29-24.00-50.20 / 99-31.00-42.80	Meter	1800 gpm

Number of acre-feet applicant originally requested to be converted from base irrigation to unrestricted irrigation groundwater:

44.349 acre-feet

(33.262 acre-feet due to installation of pivots, and 11.087 due to dryland farming of adjacent corners)

Number of acre-feet staff recommends to be converted from base irrigation to unrestricted irrigation groundwater:

44.349 acre-feet

(33.262 acre-feet due to installation of pivots, and 11.087 due to dryland farming of adjacent corners)

Place of Use for Permit:

167.44 acres

The tract(s) of land more fully described in Warranty Deed with Vendor's Lien dated 6/30/2008 as recorded with Clerk as Document # 2008002435, Official Public Records, Uvalde County, Texas.

Current Physical Description of Place of Use:

The original IRP was granted due to historical irrigation of 124.800 acres, located nine miles northwest of Sabinal, off Hwy 127 and CR 334 in Uvalde county. On January 9, 2001, Permit No. IRP 2001-UV00575 (P102-029) was issued to Barbara Muennink. On

June 29, 2007, IRP P102-029 (UV00575) was conveyed to Jason Garrett. On July 10, 2009, IRP P102-029 (UV00575) was conveyed to DH335 Partners, LLC. Currently, 124.800 acre-feet BIG are appurtenant to the 167.44 acre place of use. 119.058 HIA are irrigated by two center pivots.

Description of Conservation Equipment:

Two (2) center pivots, each one a 5-tower Zimmatic Center Pivot, were installed in August 2008 and April 2011. The pivots utilize a Mid-Elevation Spray Application (MESA) to irrigate approximately 119.058 base acres.

Staff Calculations:

Staff calculated the area under the pivots and found that 119.058 base acres are currently being irrigated under the pivot system. EAA staff has calculated a projected savings of 33.262 acre-feet by the installation of the pivot system. In addition, staff calculated corner credit of 11.087 acre-feet. Corner credit is calculated on the standard calculation for both pivots (the 119.058 acres under the pivot divided by 3 (pivot square) equaling 39.686 acres, times the annual water savings amount of 0.279 acre-feet per acre which equals 11.087 acre-feet). The total conversion as calculated by EAA staff is 44.349 acre-feet.

Staff Recommendation:

Staff recommends a conversion be granted for 44.349 acre-feet. The application will be reviewed at the June 28, 2016 Permits/Enforcement Committee meeting and the July 12, 2016 Board Meeting.