

**Conversion of Base Irrigation Groundwater Application Summary - Conversion Based on  
Water Conservation (Installation of Pivot System)  
Scott G. Yanta and wife, Kimberly Yanta**

**Permit Number:** P101-157 (ME00413)  
**Purpose of Use:** Irrigation  
**Place of Use:** Medina County  
**Original Permitted Amount:** 1,060.800 acre-feet  
**Irrigation Base Amount:** 530.400 acre-feet  
**Irrigation Unrestricted Amount:** 530.400 acre-feet  
**Date Board Issued Regular Permit:** January 31, 2001

<b>EAA Well No.</b>	<b>Location</b>	<b>Measuring Method</b>	<b>Withdrawal Rate</b>
W101-109 (ME00413-001)	29-10.00-18.40 / 99-3.00-17.70	Meter	1700 gpm
W101-110 (ME00413-002)	29-10.00-22.50 / 99-3.00-26.30	Meter	2362 gpm

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

292.735 acre-feet

(166.533 acre-feet converted due to installation of pivot system and 126.202 acre-feet converted due to dry land farming of adjacent corners)

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

292.735 acre-feet

(166.533 acre-feet converted due to installation of pivot system and 126.202 acre-feet converted due to dry land farming of adjacent corners)

**Place of Use for Permit:**

621.357 acres

The tract(s) of land more fully described in Warranty Deed with Vendor's Lien dated 4/5/2011 as recorded with the Clerk as Document # 2011002041, Volume 812, Pages 32 - 50, Official Public Records, Medina County, Texas.

**Current Physical Description of Place of Use:**

The property subject to this application, Yanta Farms, is located north on FM 660 and stretches west on FM 654 in Devine, Texas. On January 31, 2001, the EAA issued Initial Regular Permit P101-157 (ME00413), in the amount of 1,060.800 acre-feet (530.400 acre-feet BIG and 530.400 acre-feet UIG) based on ownership of 621.357 acres more or less having been historically irrigated.

**Description of Conservation Equipment:**

Four (4) 7-span Valley Standard Pivots (non-tow) with Low Elevation Spray Applicators, and one (1) 5-Span Valley Standard Pivot (non-tow) with Low Elevation Spray Applicators, installation range from 2007-2014, irrigating approximately 473.580 base acres.

**Staff Calculations:**

EAA staff calculated the area under the pivot and found that 473.580 base acres are currently irrigated under the pivot system. Staff has calculated a projected savings of 166.533 acre-feet due to the installation of the pivot system. In addition, staff has calculated corner credit of 126.202 acre-feet, based on the calculation for the pivot allowable corners at greater than 75% coverage (147.777 acres dry land farmed multiplied by the total base acre feet per acre .854). The total conversion as calculated by EAA staff is 292.735 acre-feet.

**Staff Recommendation:**

EAA staff recommends a conversion be granted for 292.735 acre-feet. The application will be reviewed at the March 28, 2017 Permits/Enforcement Committee meeting and the April 11, 2017 EAA Board meeting.