

Conversion of Base Irrigation Groundwater Application Summary
Conversion Based on Change in Land Use
Union Pacific Railroad Company

Permit Number: P100-154 (BE00055)
Purpose of Use: Irrigation
Place of Use: Bexar County
Original Permitted Amount: 699.600 acre-feet
Irrigation Base Amount: 349.800 acre-feet
Irrigation Unrestricted Amount: 349.800 acre-feet
Date Board Issued Original IRP: March 15, 2001

EAA WELL NO.	LOCATION	MEASURING METHOD	WITHDRAWAL RATE
W100-107 (BE00055-001)	29-19.00-11.00 / 98-39.00-12.00	PLUGGED	0 gpm

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

349.800 acre-feet

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

EAA staff is bringing the Application forward without a recommendation.

Place of Use for Permit:

77.469 acres

The tract(s) of land more fully described in General Warranty Deed dated 1/12/2007, as recorded with Clerk as Document # 20070017493, Volume 12652, Pages 59 - 63, Official Public Records, Bexar County, Texas.

Current Physical Description of Place of Use:

The current place of use consists of 77.469 acres, located in southwest Bexar County, at the corner of Nelson Road and Old Pearsall Road. P100-154 (BE00055) was issued for 349.800 acre-feet of base irrigation groundwater rights (BIG), due to the historical irrigation of adjacent lands, and 349.800 acre-feet of unrestricted irrigation groundwater (UIG). Currently, the 77.469 acres are dryland farmed. Well W100-107 was plugged in January 2008.

Description of Change in Land Use:

In accordance with the requirements under EAA Rule § 711.342(6)(B)(i), the applicant contends that the historically irrigated land is no longer practicable to farm as evidenced by the fact that the property is located in the ETJ of the City of San Antonio, and it is bordered by Old Pearsall Road on one side and the Union Pacific rail line on another. In

addition, Union Pacific has constructed a road along the property that adjoins the rail line. This road is used by Union Pacific to gain access to the rail line and inspect and repair rail cars coming into or leaving the Intermodal. In addition, the application of pesticides by aerial methods would be problematic because of the location of the rail cars. In accordance with EAA Rule § 711.342(6)(B)(ii), the historically irrigated land has not been irrigated for more than five years. Well W100-107 was plugged in January 2008.

Staff Calculations:

$349.800 \text{ af BIG} \div 77.469 \text{ acre POU} = 4.515 \text{ base af/acre}$

Staff Recommendation:

EAA Staff is bringing the Application to Convert Base Irrigation forward without a recommendation.