

Item 4 – Amendment of Twin Creek WSC Pumping Rate – BVHU-0022

Twin Creek WSC (TCWSC) drilled a replacement well for BVHU-0022 (Well #4R) in New Baden, Texas August 2, 2017. The well remained on property owned by TCWSC and met all District rules for replacement. The well has a Historic Use permit for public water supply use and screening the Simsboro Aquifer. Total permitted maximum annual production is 25.59 ac-ft/yr at a maximum production rate of 102 gpm. The well is aggregated with the remaining three (3) permitted wells. Total maximum annual production from all four (4) wells is 238.03 ac-ft/yr.

It came to my attention shortly after the last board meeting that a new pump was installed following well completion (2017) with a pumping rate of 140 gpm. The engineer supervising the project, Terry Winn, was required to make application to the District to increase the pumping rate under Rules 11.1(b) and 11.1(e). Application for a higher pumping rate did not occur and needs to be addressed by the Board.

Rule 11.1 reads as follows:

SECTION 11. REWORKING AND REPLACING A WELL

RULE 11.1. PROCEDURES

(a) An existing well may be reworked, re-drilled, or re-equipped in a manner that will not change the existing well status without obtaining a permit amendment.

(b) A permit must be applied for and the Board will consider approving the permit, if a person wishes to increase the rate of production of an existing well to the point of increasing the size of the column pipe or gpm rate by reworking, re-equipping, or redrilling such well as described in this section.

(c) A permit must be applied for and granted by the Board if a person wishes to replace an existing well with a replacement well.

(d) A replacement well must be completed in the same aquifer as the well it replaces, and shall not be drilled, equipped, or completed so as to increase the rate of production of water from the well it replaces. A replacement well must not be located closer to any other well or authorized well site unless the new location complies with the minimum the spacing requirements of Rule 6.1; otherwise, the well shall be considered a new well for which an application must be made. (e) In the event the application meets spacing and production requirements, and satisfies all requirements of these Rules, the Board or General Manager may grant such application without further notice.

Annual production from Well #4R is as follows:

Year	Gallons Produced	Ac-ft Produced
2008	10453400	32.08
2009	12086200	37.09
2010	10727800	32.92
2011	11232000	34.47
2012	11508700	35.32
2013	5732300	17.59
2014	9860000	30.26
2015	4737000	14.54
2016	0	0
2017	248000	0.76
2018	9246000	28.37
2019	12741000	39.10
2020	11221000	34.44
2021	11078000	34.00

The well will continue to be used in same manner of operation as before. No additional water production is being requested.

It is the recommendation by the General Manager that the Board approve amending Twin Creek WSC Operating permit BVHU-0022 maximum production rate from 102 gpm to 140 gpm correcting an oversight made by the supervising engineer in 2017.