

MEMORANDUM

Date: April 28, 2010
To: Transfer File 75708
From: Nick Van Dyke
Re: ^{2nd} Amended Transfer Application No. 75708, Flying Joseph Ranch LLC, Acres to be Dried

On April 23, 2010, I spoke with Jim Speck, attorney for Flying Joseph Ranch about the acres that are intended to be dried to mitigate for the consumptive uses of a new pond on the Flying Joseph Ranch property (reason for the transfer). See email correspondence in the file dated 4/22/10 for earlier discussion on this topic.

The overall premise is to use acres now covered by an asphalt runway for the mitigating acres. My initial estimation was that about 23.1 acres were covered by the runway. After speaking with Mr. Speck, he informed that a fence was installed around the runway (requirement for the runway) and that the ground between the fence and runway was to cease being irrigated. Jim indicated the dimension of the fence is roughly 8700' by 300'.

Using this information and 2009 aerial imagery I estimate about 73 acres are dry as a result of the runway and fenced in area. 47.7 acres are needed to cover the pond consumptive uses (annual fill and evaporation losses, seepage losses n/a). I therefore used runway acres appurtenant only to Sections 18 & 19 of T13N R23E which comes out to right around 47.7 acres. The runway acres extending into Section 20 were not used. See the attached screenshot to this memo – the red shading denotes the estimated 73 acres dried by the runway; the black crosshatch represents those acres converted to cover the pond consumptive uses.

