

MEMORANDUM

Date: March 05, 2008
To: Water Right File 63-10066 and 63-10012
From: medl
Re: license review

Dan Nelson conducted the field exam for this permit and for 63-10012 during the same site visit. The two rights are appurtenant to the same property. 63-10066 is an application for industrial use from 4/1-11/30 at the same rate (2cfs) already licensed in 63-7218 for the season 12/1-3/31. In essence, 63-10066 extends the industrial use from a short season to year-round use.

63-10012 is for an additional 3cfs year round. The system capacity is greater than the permitted rates for either water right. The permitted rates will set the limits.

Dan had used GPS to pin down the locations of the 4 wells associated with these licenses and had created shape files for them. The GPS coordinates were no longer in the current projection but he was able to relocate the wells on area maps and recreated a shape file of them for me to use.

I discussed the POU with Dan and he agreed that the Canyon County taxlot shape was a good representation of the POU for both rights.

There are 4 wells which are PODs for both 63-10066 and 63-10012. Neither permit listed the entire POU found in the field exam nor the locations of all 4 PODs, so both will need amendments.

License 63-7218, issued in 1975, is a water right appurtenant to the same property. It had been mistakenly given a high annual volume through adjudication. At 2 cfs from 12/1-3/31, a volume of 1166 AF was not achievable. I manage around that error in these two ensuing rights, (63-10066 and 63-10012) by applying combined use conditions which include all three rights. Refer to the following page for a summary of the combined use conditions.

WR #	use	Rate(cfs)	season	Volume(af)	corrected Volume(af)	
63-7218	industrial	2.0	12/1-3/31	1166*	484	=2cfs*1.9835*122day
	irrigation	0.2	5/31-8/15	22.5		
	fire	3.4	1/1-12/31			
	Total	3.4		1188.5		
63-10066	industrial	2.0	4/1-11/30		964	=2cfs*1.9835*243day
					1448	sum industrial at 2 cfs yr-round
					1470.5	=1448+22.5 sum all use, yr-round
63-10012	industrial	3.0	1/1-12/31		1603	recommended total industrial
	domestic	not recommended				
					155	difference =1603-1448
all rights	industrial	5	1/1-12/31	1603.3		
	other	1.4		22.5		
		6.4		1625.8		

* impossible volume