

MEMORANDUM

Date: January 19, 2012
To: Water Right File 2-7295
From: cpalmer
Re: Licensing memo

PD: there is one PD that is associated with this right known as PD #1. I have confirmed that the following rights divert from this PD: 2-2040, 2-2041, 2-7295, and 2-10212. No overlapping conditions will apply-see attached spreadsheet that evaluates this question.

POU: The place of use recommended by the field examiner is for 5 acres in the SESE of Section 35. However, I have evaluated imagery from the development period and determined that there are some acres that were irrigated in the NESE of Section 35 and the NWNW of Section 1 that are not covered by a water right. I have covered those acres and came up with 8 acres total. Decreed right 2-2012 covers 10 acres in the SESE of Section 35. AJ did not create a specific 10 acre shape for right 2-2012 but instead made a PPU. My recommendation also includes a PPU that encompasses acres under 2-2012 and also adds in the acres in the other QQs. Rights 2-2012 and 2-7295 are not stacked rather the acres being irrigated in the SESE are un-decipherable between the two rights.

Note: The final actions of adjudication has changed the disposition of many rights associated with this right since the field examiner wrote up her recommendations and most of the rights referenced in her report have since been split and/or are appurtenant to different lands. The attached split tree and map clarifies the current disposition of Rockin S Ranch rights.

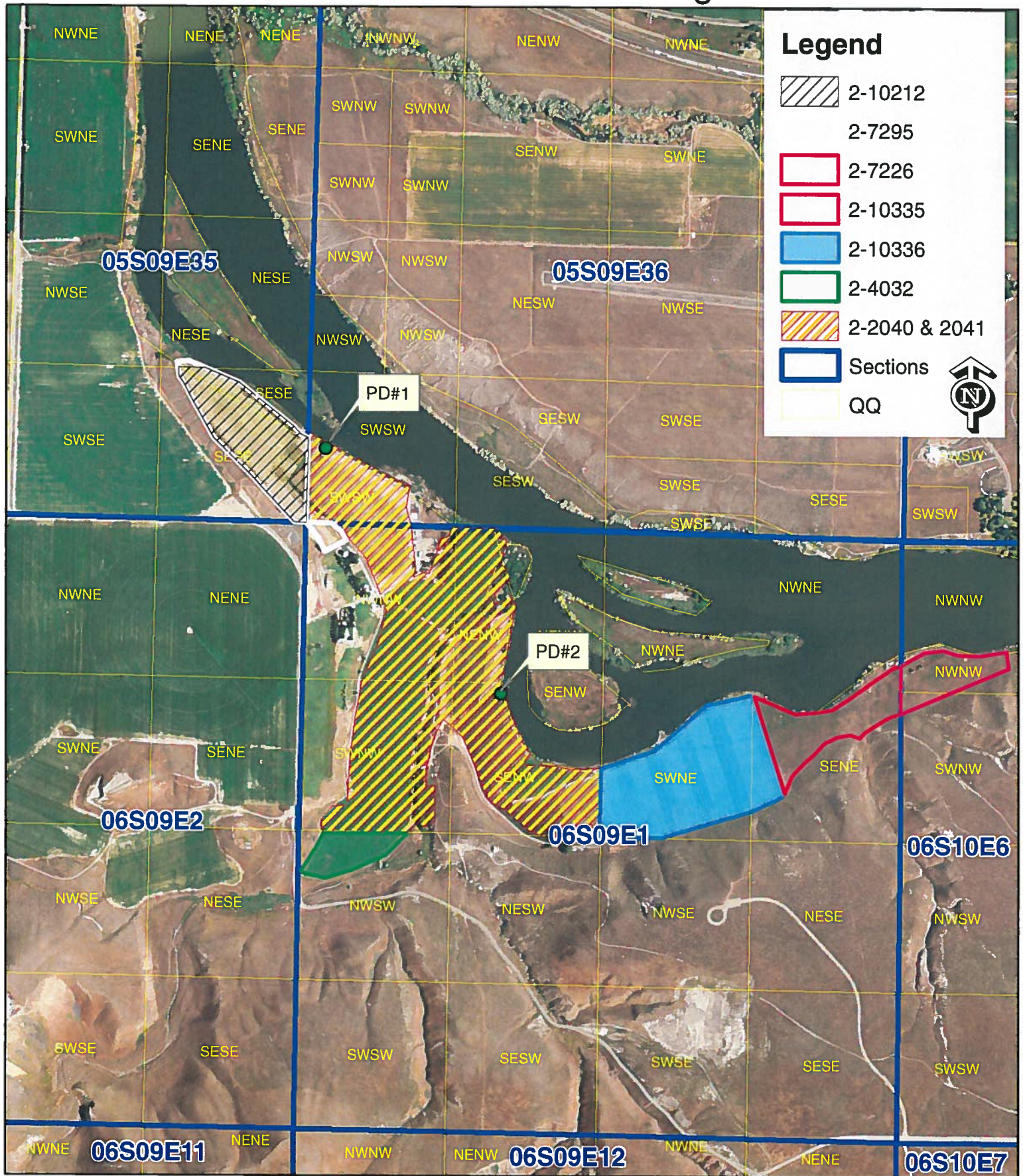
DIVERSION RATE: It appears that the total diversion rate for PD #1 is 3.26 cfs. The PD can accommodate all the rights that divert from it so no limits are necessary. The rate on the license will be based on the duty of water. $0.02 \text{ cfs} \times 8 \text{ acres} = 0.16 \text{ cfs}$

VOLUME:

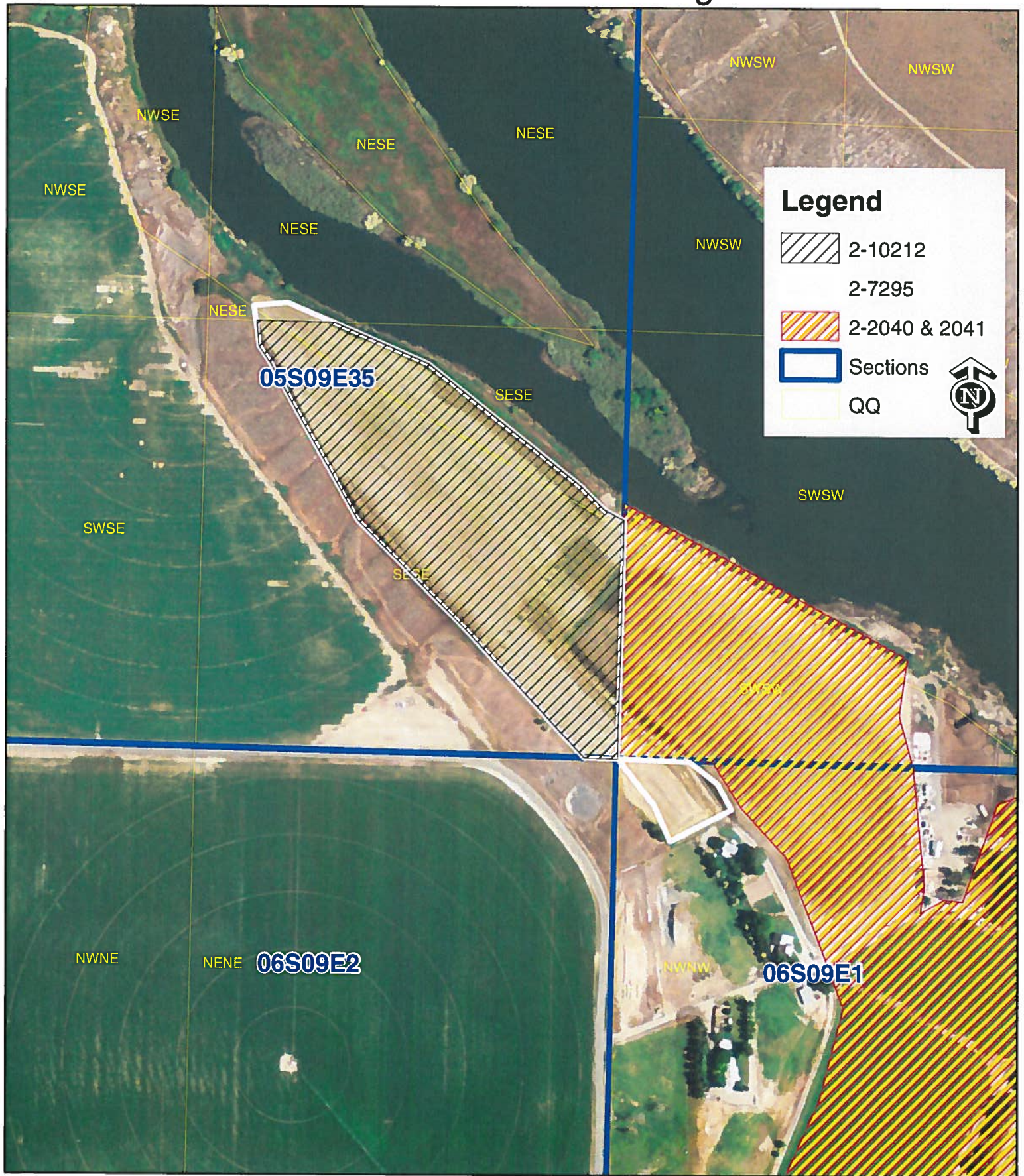
$0.16 \text{ cfs} \times 1.9835 \times 246 \text{ days} = 78 \text{ af}$
 $8 \text{ acres} \times 4 \text{ af} = 32 \text{ af}$

SEASON OF USE: The season has been update to reflect current standards

Rockin S Ranch Water Rights



Rockin S Ranch Water Rights



Rockin Ranch Rights WR#	Diverts From		CFS
	PD#1	PD#2	Diversion Rate
2040 x		x	1.8
2041 x		x	0.9
10335		x	0.14
10336		x	0.46
10212 x			0.2
7226		x	0.12
7295 x			0.13
4032		x	0.2
Total	3.03	3.62	3.95

The capacity of PD#1 is 1.70 cfs

The capacity of PD#2 is 3.26 cfs

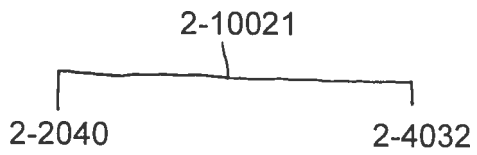
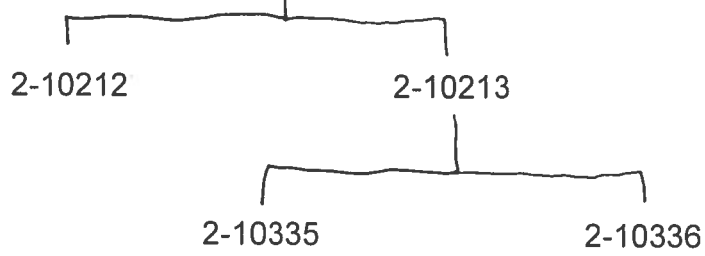
PD #1 may divert up to 3.03 cfs which is < the total capacity of 3.26 cfs--> No combined limit necessary

PD #2 may divert anywhere between 0.92 cfs to 3.62 cfs (2040/2041 can divert from either two PDs)

No combined limits will be added to license for 7226 since the limit would unduly limit overlapping rights

Conclusion: Newly licensed right 2-7226 and 2-7295
will not include any PD combined limits.

$$2-2016 + 2-4019 = 2-10022$$



Split tree
of Rockin Ranch
rights 1/2012
CP