

Memorandum

Date: April 11, 2013

To: File 57-11595

From: Craig L. Saxton

Re: Supplemental Review Information

POU Overlap:

57-11595 was developed as a supplemental right to 57-53. The tabular POU description for both rights supported that 57-53 completely overlapped 57-11595:

Process	WR #	Draft	Owner	Source	POD/POU	NENE	NWNE	SWNE	SENE	Total Acres
Water Right	57-53	N	HIPWELL, ROHL	PICKETT CREEK	POU	35.0	18.0		15.0	68
Water Right	57-11595	Y	HIPWELL, ROHL	GROUND WATER	POU	34.0	12.0		9.0	55
Total combined acres =						35	18		15	68

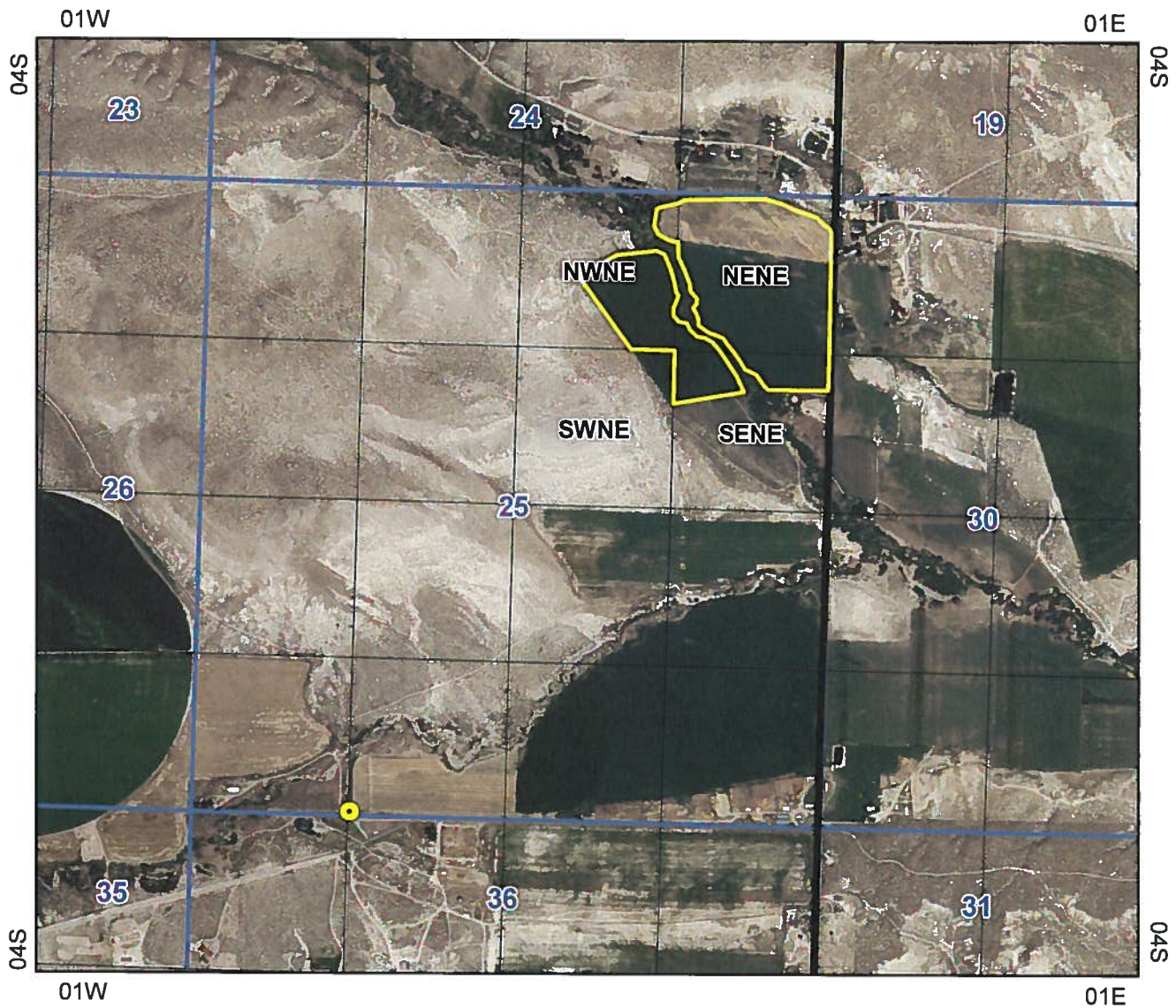
However, the shape file for 57-53 didn't reflect the actual irrigated place of use. This could be due to a number of reasons, but it primarily was because it was created as an SRBA recommendation using low resolution photography and the actual field boundaries have changed some over time.

I adjusted the place of use shape for 57-53 to better reflect reality. The acreage distribution for 57-53 did not change so I did not change the elements of the water right. It was not unlike taking a nominal and just updating it to a more accurate POU. After doing this, we can better see the relationship between the POU for 57-53 and supplemental right 57-11595.

POD overlap:

The examiner identified 57-7060 as having the same POD as 57-11595. I have added a condition to 57-11595 identifying the relationship. The examiner got a large range in value when measuring the capacity of the system due to leaks and changes in pressure. The examiners theoretical calculation found a diversion capacity of 2.08 cfs which is consistent with the current irrigation system designs of 8 gpm per acre under two partial pivots.

State of Idaho
Department of Water Resources
Water Right License
57-11595

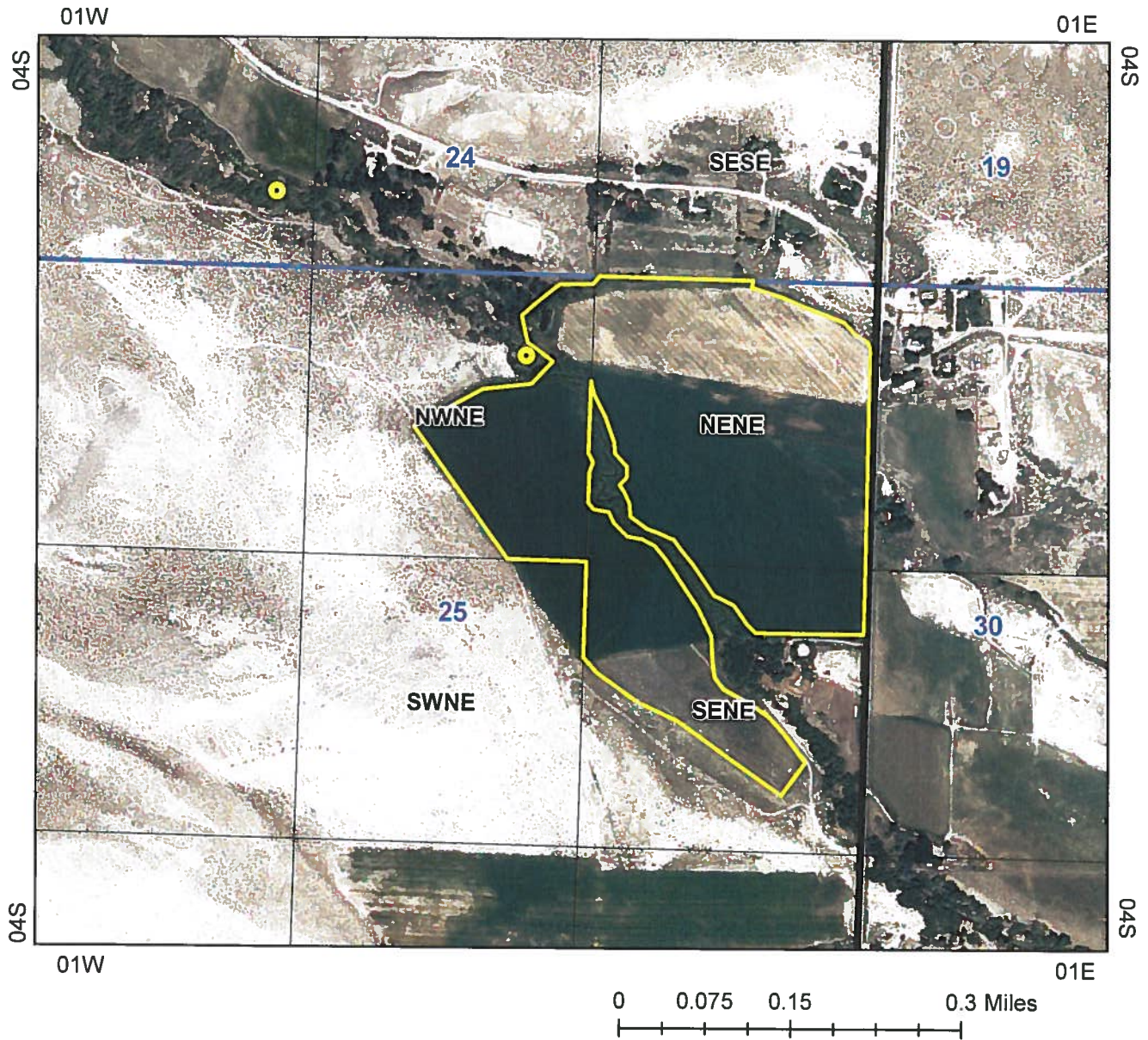


-  Point of Diversion
-  Place Of Use Boundary
-  Townships
-  PLS Sections
-  Quarter Quarters

0 0.175 0.35 0.7 Miles



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