

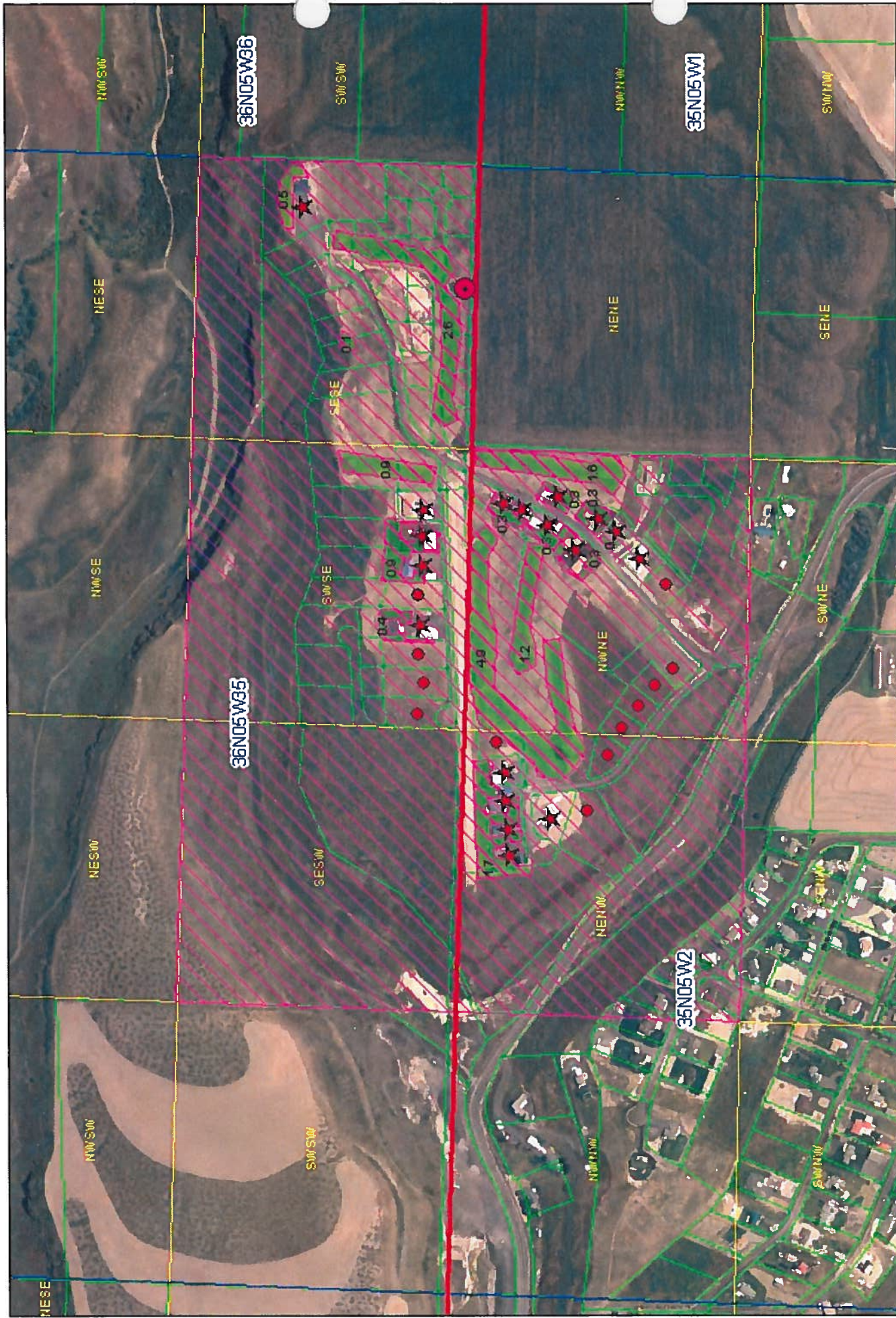
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November 8, 2010

RE: Annual Diversion Volume Limitation Calculations

This permit allowed for the beneficial uses of domestic and irrigation in the Eagles Point Subdivision. The permit did not allow for any irrigation in association with the domestic use. Proof of beneficial use was filed on 8-15-03. The field exam was conducted on 8-18-04. Aerial imagery does not exist for 2003, but does exist for 2004. Correspondence with the developer indicates that 18 homes were built out in 2003. Aerial imagery from 2004 indicates that 18 homes were built out or under construction during 2004. Based on the configuration of roads and the golf course, as they existed in 2004, I estimated that 30 lots likely had water utility stub outs. Assuming 0.6 AFA per stubbed out lot the annual volume limitation for in-home domestic use is $(30 \text{ lot}) \times (0.6 \text{ AFA/lot})$ or 18 AFA. Aerial imagery from 2004 also indicates that approximately 16.3 acres of the golf course and residential landscaping were clearly irrigated. The volume limitation for the license is based on the following: $(4 \text{ AFA/acre}) \times (16.3 \text{ acres}) = 65.2 \text{ AFA}$. The table below along with the accompanying 85-7654 site map breaks down the irrigation area by quarter-quarter. The map also identifies the lots that were considered for in-home use.

Eagle Point Development - 2004 Irrigation Break Down

Township	Range	Section	Q-Q	ACRES
35N	05W	2	NENW	1.70
35N	05W	2	NENW	1.30
35N	05W	2	NWNE	3.60
35N	05W	2	NWNE	1.20
35N	05W	2	NWNE	1.60
35N	05W	2	NWNE	0.30
35N	05W	2	NWNE	0.30
35N	05W	2	NWNE	0.30
35N	05W	2	NWNE	0.30
35N	05W	2	NWNE	0.00
35N	05W	2	NWNE	0.30
36N	05W	35	SESE	0.10
36N	05W	35	SESE	2.60
36N	05W	35	SESE	0.50
36N	05W	35	SWSE	0.90
36N	05W	35	SWSE	0.40
36N	05W	35	SWSE	0.90
35N	05W	2	NENW	3.00
35N	05W	2	NWNE	7.90
36N	05W	35	SESE	3.20
36N	05W	35	SWSE	2.20
				16.30



WR Permit 85-7645
Site Map

NAIP Aerial Imagery from 2004.

Legend

- ★ Homes built out in 2004 (18 total)
- Lots w/ Utility Stubs 2004 (12 total)
- POD Identified During FE (1 total)
- ▨ Right POU
- Irrigated Area Golf/Residential (11.3 acres total)

0 0.05 0.1 0.2 Miles

N

Plots: ~ 75

