Sample Locations

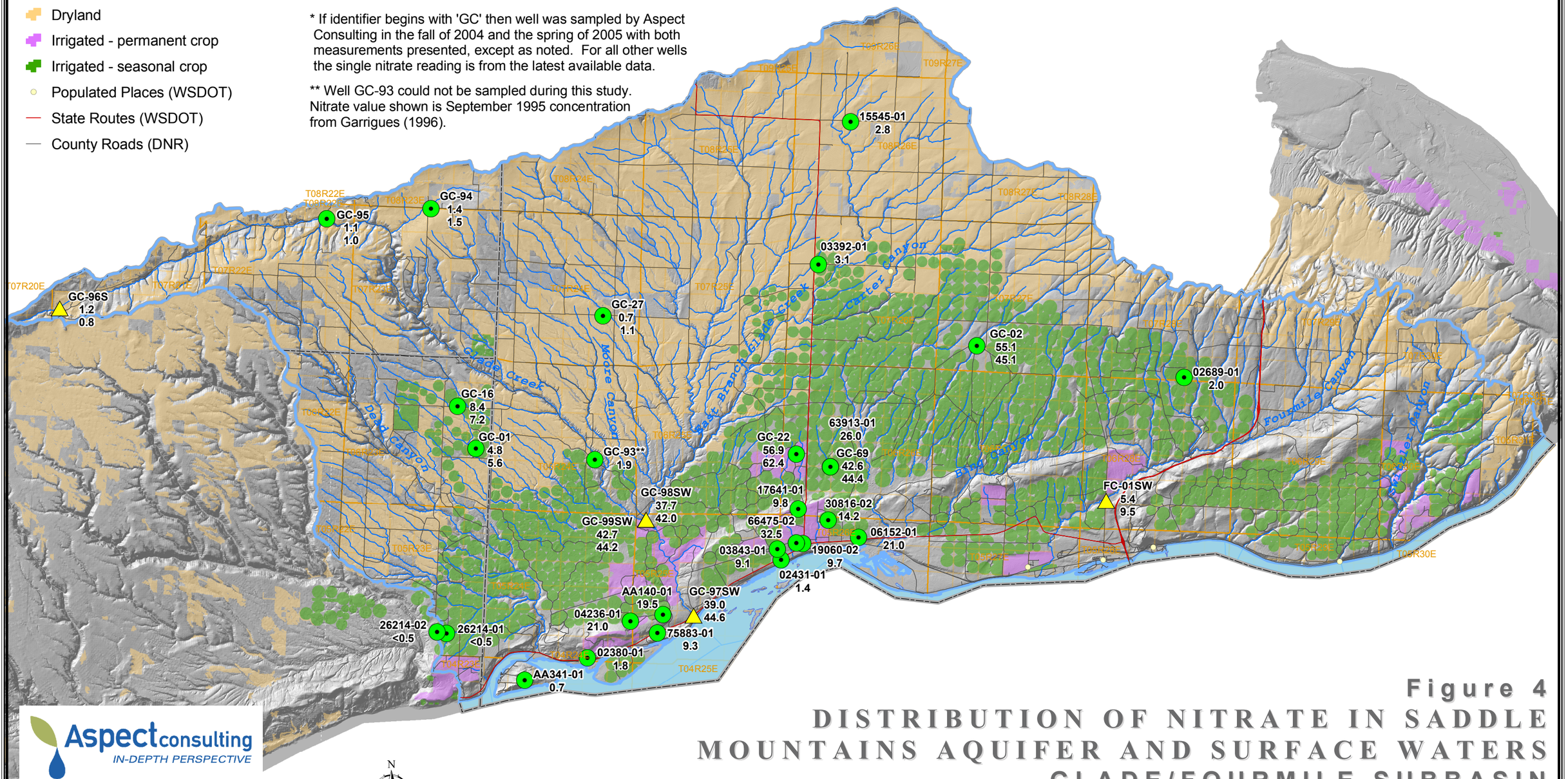
- GC-95 - Saddle Mts. Basalt Well Identifier*
- GC-96S - Surface Water Sample Identifier*
- 1.2 - Nitrates (mg/L) Fall 2004
- 0.8 - Nitrates (mg/L) Spring 2005

2001 Agricultural Cropland (IRZ Consulting, 2004)

- Dryland
- Irrigated - permanent crop
- Irrigated - seasonal crop
- Populated Places (WSDOT)
- State Routes (WSDOT)
- County Roads (DNR)
- Watercourses (Ecology)
- Waterbodies (Ecology)
- Delineated Subbasins (Aspect Consulting)
- Counties (WSDOT)
- Township and Range (DNR)

* If identifier begins with 'GC' then well was sampled by Aspect Consulting in the fall of 2004 and the spring of 2005 with both measurements presented, except as noted. For all other wells the single nitrate reading is from the latest available data.

** Well GC-93 could not be sampled during this study. Nitrate value shown is September 1995 concentration from Garrigues (1996).



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ACM 06-17-04

N W E S

0 20,000 40,000 60,000 Feet

Figure 4
DISTRIBUTION OF NITRATE IN SADDLE MOUNTAINS AQUIFER AND SURFACE WATERS
GLADE/FOURMILE SUBBASIN
WRIA 31 Level 2 Water Quality Project