

MEMORANDUM

Date: July 16, 2008
To: Water Right File 63-12591
From: Aaron Marshall
Re: Licensing Review

Permit No. 63-12591 was approved with a condition that states, "Water bearing zone to be appropriated is 200 to 500 feet."

Information included on a permit processing checklist in the permit file states, "Water bearing zone is 200-500 ft per telephone conversation between Rob Whitney [IDWR Ground Water Protection Specialist] and City of Nampa engineer contractor JUB Engineers, Brian Donaldson contact."

Based on the well drillers report included with the beneficial use field report, the well (Nampa Well No. 14) is screened from 188 to 200 ft below ground surface (bgs), 213 to 219 ft bgs, 292 to 312 ft bgs, 341 to 349 ft bgs, and 367 to 377 ft bgs.

The water bearing zone specified on the permit appears to be an approximation of well completion prior to the commencement of drilling. There is no information in the permit file providing a specific basis for the restricted water bearing zone. The generalized zone from 200 to 500 ft bgs in the west end of the Treasure Valley is commonly referred to as the intermediate aquifer. The intermediate aquifer is not bounded by a contiguous geologic formation nor is it necessarily bounded by impermeable strata. The change in the upper limit of well completion from 200 ft bgs, as permitted, to 188 ft bgs, as constructed, is insignificant and does not provide water from a distinct source. Nampa Well No. 14 is screened in sections between 188 and 377 feet bgs which remains consistent with the permitted source.

The water right should carry a condition that states, "Water bearing zone to be appropriated is from 188 to 500 feet."