

MEMORANDUM

Date: August 14, 2008
To: Water Right File 37-8532
From: Aaron Marshall
Re: Licensing Review

BACKGROUND

Permit 37-8532 was approved June 28, 1990, for 1.43 cfs of ground water for industrial purposes at an asphalt plant. Proof of Beneficial Use was received on July 1, 1993. The Beneficial Use Field Report, signed and stamped by Charles E. Brockway, was received on September 6, 2007. Information to supplement the report, particularly annual volumetric water use estimates, was provided by Charles G. Brockway on August 1, 2008.

SEASON OF USE

The permitted season of use is 03/01 to 12/15. The license should reflect the current Department standard season of use for industrial purposes, 01/01 to 12/31, since the actual season of use is variably dependent on weather conditions.

WELL DEVELOPMENT

This right was developed using a combined system with three points of diversion, the VP Well, the Shop Well, and the Old Crusher Well. The VP Well has a capacity of 0.57 cfs, the Shop Well has a capacity of 0.40 cfs, and the Old Crusher Well had a capacity 1.34 cfs. Water right 37-20833 diverts water from the VP Well for irrigation of 24.1 acres with an authorized rate of 0.48 cfs. Water right 37-20834 was developed using the VP Well, the Shop Well, and the New Crusher Well (capacity = 5.49 cfs).

COMBINED LIMITS

Rights 37-8136 and 37-20833 when combined will be limited to a total diversion rate of 0.97 cfs based on the combined capacities of the VP Well and the Shop Well. Rights 37-8136, 37-8532, and 37-20833 when combined will be limited to a total diversion rate of 2.31 cfs based on the capacities of the VP Well, the Shop Well, and the Old Crusher Well. Rights 37-8136, 37-8532, 37-20833, and 37-20834 when combined will be limited to a total diversion rate of 5.78 cfs based on the capacities of the VP Well, the Shop Well, and the Old Crusher Well, and the 3.47 cfs authorized by 37-20834.

LICENSE RECOMMENDATION

This right should be licensed for 1.43 cfs, the permitted rate, of ground water for industrial purposes with an annual volume limitation of 219.7 acre-feet (10 hours per day X 198 days per year X 1.34 cfs, + 0.4 acre-feet for the shop/office), based on the additional flow provided by the Old Crusher Well.

An amendment is necessary to add a point of diversion (Shop Well).