

Groundwater Transfer Review Summary Form

Transfer/PA # T- 12552

GW Reviewer Phil Marcy Date Review Completed: 6/16/17

Summary of Enlargement (Same Source) Review:

The proposed transfer fails to keep the original place of use from receiving water from the same source.

Summary of Injury Review:

The proposed transfer will result in another, existing water right not receiving previously available water to which it is legally entitled.

Summary of Well Construction Assessment:

The proposed POA does not have a well log.

The proposed POA does not appear to meet current well construction standards. Route through Well Construction and Compliance Section.

This is only a summary. Documentation is attached and should be read thoroughly to understand the basis for determinations.



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Ground Water Review Form:

- Water Right Transfer
- Permit Amendment
- GR Modification
- Other

Application: T-12552

Applicant Name: Paul Scott

Proposed Changes: POA APOA SW→GW RA
 USE POU OTHER

Reviewer(s): Phillip I. Marcy

Date of Review: 06/12/2017

The information provided in the application is insufficient to evaluate whether the proposed transfer may be approved because:

- The water well reports provided with the application do not correspond to the water rights affected by the transfer.
- The application does not include water well reports or a description of the well construction details sufficient to establish the ground water body developed or proposed to be developed.
- Other _____

1. Basic description of the changes proposed in this transfer: The applicant proposes to integrate the pumping of groundwater from two wells authorized to pump under separate existing certificates (31087 and 32679). In addition, the applicant wishes to tie these supply wells into the same system, and move the place of use (POU) for supplemental irrigation. The purpose for this action would be to ensure the flexibility to use both wells (MALH 39 and MALH 40) for coverage of the new POU acreage. The existing authorized POU lands are not contiguous, being on separate sides of highway 26. This transfer proposes to provide enough groundwater to drive two center pivots for supplemental irrigation of lands covered by a combination of primary surface water and groundwater rights 46328, 56142, and 31087.
2. Will the proposed POA develop the same aquifer (source) as the existing authorized POA?
 Yes No Comments: Both APOA wells are currently authorized POA wells under affected rights, and produce from alluvial sands and gravels.
3. a) Is there more than one source developed under the right (e.g., basalt and alluvium)?
 Yes No Both wells produce from shallow alluvium in addition to various finer grained lithologies at depth (MALH 39: 1290' deep; MALH 40: 980' deep).
 b) If yes, estimate the portion of the right supplied by each of the sources and describe any limitations that will need to be placed on the proposed change (rate, duty, etc.): N/A
4. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another ground water right**?
 Yes No Comments: No additional volume is expected to be pumped, and no new wells will be constructed or used as a result of this transfer.

b) If yes, would this proposed change, at its maximum allowed rate of use, likely result in another groundwater right not receiving the water to which it is legally entitled?

Yes No If yes, explain: N/A

5. a) Will this proposed change, at its maximum allowed rate of use, likely result in an increase in interference with **another surface water source**?

Yes No Comments: MALH 39 is closer to Willow Creek than is MALH 40, but no increase is expected in the proportion of pumping assigned to MALH 39.

b) If yes, at its maximum allowed rate of use, what is the expected change in degree of interference with any **surface water sources** resulting from the proposed change?

Stream: Willow Creek

Minimal Significant

Stream: _____

Minimal Significant

Provide context for minimal/significant impact: If additional groundwater pumping occurs at MALH 39, there may be minimal additional impacts to Willow Creek. Both wells are producing from gravels that are likely in good hydraulic connection to Willow Creek, and groundwater pumped at either location almost certainly results from the capture of groundwater that would naturally flow to the creek. At present, MALH 39 is authorized to pump at a higher rate (0.39 cfs) than more distant MALH 40 (0.28 cfs).

6. What conditions or other changes in the application are necessary to address any potential issues identified above: MALH 40 is a current State Observation Well, measured by local Watermaster Ron Jacobs. If this transfer is approved, the continuation of seasonal measurements is recommended to ensure the capacity of the groundwater resource is maintained.

7. Any additional comments: None

