

SCANLAN ENGINEERING*Groundwater and Environmental Engineering***RECEIVED****JUL 23 2003**

Department of Water Resources

MEMO**To: Shelley Keen****From: Terry Scanlan****Date: July 21, 2003****Subject: Revised Mitigation Plan for Application for Permit 34-13763**

Based on our discussions in recent weeks, the following alternative mitigation plan is proposed for the 6X Ranch application for permit (34-13763).

- 1 Split the application into two separate applications, each with a separate mitigation plan. One application (for discussion purposes, 34-13763"A") would be for the Dipping Vat field (75 acres in the SWNW and NWSW Section 25). The second application (for discussion purposes, 34-13763"B") would be for the two pivot corners (14 acres in the S ½ of the NE ¼ of Section 26).
- 2 Permit 34-13763"A" would be mitigated by a 75-acre (1.50 cfs) portion of water right 34-483B (1902-priority Warm Springs Creek water right). The proposed Dipping Vat well in the NWSW Section 25 would be the point of diversion for 34-13763"A" and would provide irrigation to only the Dipping Vat field. To avoid unstacking of water rights, a 75-acre (0.39 cfs) portion of Big Lost River water right 34-125B will also be used for mitigation. The Dipping Vat well would operate only when 1902-priority Warm Springs Creek water rights are deliverable.
- 3 Permit 34-13763"B" would be mitigated with a 14-acre (0.28 cfs) portion of water right 34-10282 (1905-priority Big Lost River). A new well would be drilled in the SENE to supply the pivot corners. To avoid unstacking of water rights, a 14-acre (0.23 cfs) portion of Big Lost River water right 34-805 will also be used for mitigation. The Pivot Corner well would operate only when 1905-priority Big Lost River water rights are deliverable.

These revisions provide the following improvements over previous plans

- The shrink in the Nielsen Ditch does not significantly impact mitigation. No delivery of Nielsen Ditch water is needed for mitigation at the Dipping Vat field. A shrink rate of up to 70 percent will still deliver 0.20 cfs of water right 34-10282 for mitigation of the pivot corners, a rate that is adequate for sprinkler irrigation of 14 acres (0.015 cfs/acre).
- Irrigation from the proposed Dipping Vat well under application 34-13763"A" is controlled by a single priority date, April 1, 1902.

- Irrigation of the pivot corners from the well proposed under application 34-13763"B" is controlled by a single priority date, May 1, 1905.

The following additional actions would be necessary to complete the mitigation plan

- 1 An application for transfer of water right would be submitted to change the nature of use of the proposed mitigation water rights (i.e., from irrigation to mitigation).
- 2 Application 34-13763"A" would be amended (without readvertisement) to show a single point of diversion in the NWSW Section 25.
- 3 Application 34-13763"B" would be amended (and readvertised) to show a single point of diversion in the SENE Section 26.

Please contact me with comments and questions. If Department staff will agree to the proposed mitigation plan, I will prepare the application amendments and the application for transfer listed above.

Cc: Mike Creamer
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