



MEMORANDUM

PREPARED FOR: AR LL-1926 and LL-1927 application files and Madison Ranches

PREPARED BY: Jen Woody, Hydrogeologist

SUBJECT: AR LL-1926 and LL-1927 Applications are complete

DATE: 10/3/2022



Expires 12/31/2022

Background

Madison Ranches submitted applications for AR LL-1926 and AR LL-1927 on 4/1/2022. The proposed project includes diverting Butter Creek water and infiltrating it into a series of artificial groundwater recharge basins. It also proposes recovery of stored water through an existing collector well plus an proposed well. The project was previously tested under AR LL-1628. LL-1926 includes AR basins already tested and the addition of a new basin and recovery well. The application proposes to divert up to ## cfs. LL-1927 was also filed on 4/1/2022 and proposes to recover water stored under LL-1926 for supplemental irrigation and stock water uses. This review addresses AR-related topics. The reviewer defers to OWRD's Water Rights Section to make final determinations regarding source water availability.

OWRD completeness comments (contact is Jen Woody: Jennifer.L.Woody@water.oregon.gov):

690-350-0120(3)(a) Instream water right required. Diversion is within Butter Creek > Umatilla R - AB Westland Canal Water Availability Basin (Watershed ID 30710305), which has no instream requirement. AR rules require an instream right or a waiver of this requirement from ODFW. WRD has requested comment from ODFW. No action needed from applicant.

AR-related Conditions to be included in LL- 1926, if it is issued:

1. Before water use may begin under this license, the licensee shall install a totalizing flowmeter to record recharged volume at the entrance to each infiltration basin. The totalizing flowmeters must be installed and maintained in good working order. In addition, the licensee shall maintain a record of all water use, including the total number of hours of diversion, the total volume diverted, and the categories of beneficial use to which the water is applies. During the period of the limited license, the record of use shall be available for review by the Department upon request, and shall be submitted to the Watermaster upon request. This record shall include the amount of water diverted from Butter Creek and the amount delivered to each recharge area.
2. The licensee is required to provide a written annual report by **April 15th** of each year. This report will detail recharge testing and any subsequent recovery under a secondary limited license from the preceding water year. Reporting shall include, but is not limited to, the results of testing efforts that

relate to water quality, water quantity, and operations. Water level data shall be submitted in a Department-specified digital format. The licensee shall consult with ODEQ and OWRD to identify additional specific reporting elements. The first report is due in April 2023.

3. The licensee shall adhere to the current, approved test and monitoring plan. A revised, superseding plan may be submitted to the Department at any time. The Department may approve, condition, or reject such plans.
4. The licensee shall comply with all ODEQ water quality standards and permitting requirements. If monitoring data or other information result in identification of potential water quality concerns, ODEQ may seek modifications to the monitoring and test plans and/or require a permit of its own to address the water quality concerns prior to resumption of artificial groundwater recharge testing.
5. Failure to meet the conditions of the license to the satisfaction of the Department will lead to a cancellation of the limited license, in which case it would no longer be in force.
6. The licensee shall conduct recharge testing as proposed in the application and later amended by the licensee, and as otherwise conditioned herein.

AR-related Conditions to be included in LL- 1927, if it is issued:

1. Before water use may begin under this license, the licensee shall install a totalizing flowmeter to record recovered volume at each recovery well. The totalizing flowmeters must be installed and maintained in good working order. In addition, the licensee shall maintain a record of all water use, including the total number of hours of diversion, the total volume diverted, and the categories of beneficial use to which the water is applied. During the period of the limited license, the record of use shall be available for review by the Department upon request, and shall be submitted to the Watermaster upon request.
2. The licensee is required to provide a written annual report by April 15th of each year. This report will detail recharge testing and any subsequent recovery under a secondary limited license from the preceding water year. Reporting shall include, but is not limited to, the results of testing efforts that relate to water quality, water quantity, and operations. Water level data shall be submitted in a Department-specified digital format. The licensee shall consult with ODEQ and OWRD to identify additional specific reporting elements. The first report is due in April 2023.
3. The licensee shall adhere to the current, approved test and monitoring plan. A revised, superseding plan may be submitted to the Department at any time. The Department may approve, condition, or reject such plans.