



August 2, 2022

Peter Wayland  
Weiland, Inc.  
PO Box 18087  
Boulder, CO 80308

**RE: Goose Haven Reservoirs (Permit No. M-2010-071)  
Amendment No. 2 (AM-2)  
Adequacy Review #2**

Dear Mr. Wayland:

On July 22, 2022, the Division of Reclamation, Mining and Safety received your adequacy response to the Division's adequacy letter of November 30, 2022 for the Goose Haven Reservoirs AM2 application, File No. M-2010-071. The following questions address adequacy issues and missing information that is needed to complete the application. This information needs to be addressed and/or received before the Division can approve the application.

**Rule 1.6.2(1)(d) and 1.6.5(2) – Proof of Publication**

1. Item Resolved.

**Rule 1.6.2.(e) Notice of Land Owners –**

2. Proof of notice to owners of record was not submitted for the following landowner (according to the Boulder County Assessor website):
  - a. Nancy Sisk (south of property)
  - b. Natalie and Jason Condon (south of property)
  - c. Despard (northwest of property)

**Rule 6.2.1(2) Maps and Exhibits –**

3. Item Resolved.

**Rule 6.4 - Specific Exhibit Requirements - 112 Reclamation Operation**

6.4.1 EXHIBIT A - Legal Description - Adequate as submitted.

6.4.2 EXHIBIT B - Index Map - Adequate as submitted.

6.4.3 EXHIBIT C - Pre-mining & Mining Plan Map(s) of Affected Lands



4. See #3 above.

#### 6.4.4 EXHIBIT D - Mining Plan

5. The designs were submitted for the drainage swale in the July 22, 2022 adequacy response. The area map shows that the swale will divert the drainage of 145 acres around Reservoir 2A to the north with a potential flow of 54 cfs. The map shows the swale discharging onto the Boulder County agricultural field to the north of Reservoir 2A. This design will cause significant off-permit impacts to the Boulder County property. Please clarify where the water is being discharged, what structures will eliminate off-permit impacts and submit any agreements with Boulder County.
6. The City of Lafayette has committed to submitting the final dam construction report, as-built plans and final certification for inclusion into the permit when the documents are obtained.

#### 6.4.5 EXHIBIT E - Reclamation Plan - Adequate as submitted.

#### 6.4.6 EXHIBIT F - Reclamation Plan Map - Adequate as submitted.

#### 6.4.7 EXHIBIT G - Water Information -

7. Item Resolved.
8. The adequacy response states that a 6" perforated perimeter drain has been installed along the south boundary of Cell 2A. The structures that may be impacted by ground water are along the west boundary.
  - a. What protections are in place for the structures along the west boundary?
  - b. Please submit designs for the drainage structure that was installed. Specification to include are: depth to 6" pipe, relation of pipe to clay liner and to bedrock, slope of drainage pipe, material pipe is embedded in and location of pipe discharge.
9. The Division will reconsider the need for ground water monitoring based on the information provided in #8 above.

#### 6.4.8 EXHIBIT H - Wildlife Information - Adequate as submitted.

#### 6.4.9 EXHIBIT I - Soils Information - Adequate as submitted.

#### 6.4.10 EXHIBIT J - Vegetation Information - Adequate as submitted.

#### 6.4.11 EXHIBIT K - Climate- Adequate as submitted.

#### 6.4.12 EXHIBIT L - Reclamation Costs – Adequate as submitted.

#### 6.4.13 EXHIBIT M - Other Permits and Licenses (Statement Req'd) - Adequate as submitted.

#### 6.4.14 EXHIBIT N - Source of Legal Right to Enter – Adequate as submitted.

#### 6.4.15 EXHIBIT O - Owner(s) of Record of Affected Land and Substance to be Mined - Adequate as submitted.

#### 6.4.16 EXHIBIT P - Municipalities Within Two Miles - Adequate as submitted.

6.4.17 EXHIBIT Q - Proof of Mailing of Notices to Board of County - Adequate as submitted.

6.4.18 EXHIBIT R - Proof of Filing with County Clerk and Recorder - Adequate as submitted.

6.4.19 EXHIBIT S - Permanent Man-made Structures -

10. Item resolved.

Please note that the decision date for this application is August 26, 2022. If you are unable to provide satisfactory responses to any inadequacies prior to this date, it will be your responsibility to request an extension of time to allow for continued review of this application.

All corrected pages must also be provided to Boulder County Clerk & Recorder.

If you have any questions, please contact me at (720) 774-0040 or [brock.bowles@state.co.us](mailto:brock.bowles@state.co.us).

Sincerely,



Brock Bowles  
Environmental Protection Specialist

CC: Michael Cunningham, DRMS