



APPLICATION FOR BENEFICIAL WATER USE PERMIT
HYDROGEOLOGIC ASSESSMENT REPORT ADDENDUM

§ 85-2-361, MCA
ARM 36.12.120

If your application is for groundwater and one or more of your points of diversion are in a Basin Closure Area, then you must comply with the requirements of § 85-2-360, MCA. If you elected to conduct the Technical Analyses, you must submit this addendum. If you did not have a preapplication meeting AND complete a Form 600P Permit Preapplication Meeting Form, you must submit this addendum. If you had a preapplication meeting, completed a Form 600P Permit Preapplication Meeting Form, and elected DNRC to conduct Technical Analyses, you do not need to submit this addendum because the Department's Technical Analyses, which you must submit along with this application, meet the requirements of §85-2-360, MCA. Responses that are larger than the space provided can be answered in an attachment. If an attachment is used, specify "see attachment" on this form. Label all attachments with the question number.

Prepared By: \_\_\_\_\_ Title: \_\_\_\_\_

I am a [ ] Hydrogeologist [ ] Qualified Scientist – Specify \_\_\_\_\_
[ ] Qualified Licensed Professional Engineer

Section 1. Area of Effect

1. What is the source aquifer? \_\_\_\_\_

2. [ ] Y [ ] N Is the area of groundwater that will be affected by the proposed use smaller than the limits of the aquifer? If yes, explain.

Four horizontal lines for explanation of question 2.

3. What surface waters will potentially be affected? Include surface waters specified under § 85-2-361(1)(a), MCA that are subject to an existing appropriation right.

Three horizontal lines for answer to question 3.

Section 2. Geology and Parameters of the Aquifer System

4. What geologic formation is the proposed well completed in?

Three horizontal lines for answer to question 4.



5. Parameters of the aquifer system.

5.1. What is the lateral extent and thickness of the aquifer?

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5.2. The aquifer is:  confined or  unconfined

5.3. What is the effective hydraulic conductivity of the aquifer? \_\_\_\_\_

5.4. What is the transmissivity of the source aquifer? \_\_\_\_\_

5.5. What is the storage coefficient of the source aquifer? \_\_\_\_\_

5.6. What is the flow direction of ground water and rate of movement?

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