

STATE OF MONTANA  
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION



**PROJECT COMPLETION NOTICE**

FOR PERMITTED WATER DEVELOPMENT

Field Report

**INSTRUCTIONS:** Use this form to report the completion of a Permit to Appropriate Water. This form must be filed on or before the deadline date on the permit or authorized extension of time. If the project is not completed, file an Application for Extension of Time by the permit deadline date; otherwise the permit is void. For complete instructions, read "Instructions for Project Completion Notice for Permitted Water Development."

**A. GENERAL INFORMATION**

- 1. **PERMIT NO.** \_\_\_\_\_
- 2. Permit Owner \_\_\_\_\_  
Mailing Address \_\_\_\_\_ Telephone No. \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_
- 3. Field Examiner \_\_\_\_\_ Profession \_\_\_\_\_  
Mailing Address \_\_\_\_\_ Telephone No. \_\_\_\_\_  
City \_\_\_\_\_ State \_\_\_\_\_ Zip \_\_\_\_\_
- 4. Field Investigation Date: \_\_\_\_\_

**B. OVERLAPPING WATER RIGHTS**

- 1. Other water rights with same place of use: Water Right Number \_\_\_\_\_  
\_\_\_\_\_
- 2. Other water rights with same point of diversion: Water Right Number \_\_\_\_\_  
\_\_\_\_\_

**C. SOURCE OF WATER**

- Well (Attach a copy of the Well Log Report)
- Developed Spring (Describe development) \_\_\_\_\_
- Lake/Reservoir Name \_\_\_\_\_ Tributary to \_\_\_\_\_
- Stream Name \_\_\_\_\_ Tributary to \_\_\_\_\_
- Unnamed Source - Tributary to \_\_\_\_\_
- Closed Basin (A closed basin results when water drains into a depression, lake, etc., from which water escapes only by evaporation.)

**D. SYSTEM DESCRIPTION**

- 1. Means of Diversion:  Pump  Headgate/Ditch or pipeline  Dike  Dam  
 Pit  Other (Describe) \_\_\_\_\_
- 2. Pump:  Centrifugal  Turbine  Submersible  
Brand name \_\_\_\_\_ GPM Capacity \_\_\_\_\_  
Model # \_\_\_\_\_ Discharge pressure \_\_\_\_\_  
Impeller diameter \_\_\_\_\_ No. of Stages / Bowls \_\_\_\_\_  
Lift (in feet) \_\_\_\_\_
- Motor: Brand Name \_\_\_\_\_ HP Rating \_\_\_\_\_  
No. of Phases \_\_\_\_\_ RPM \_\_\_\_\_  
Voltage \_\_\_\_\_ Service factor (SF) \_\_\_\_\_  
Amperage \_\_\_\_\_
- Engine: Fuel Type \_\_\_\_\_ Displacement \_\_\_\_\_  
Brand name \_\_\_\_\_ RPM \_\_\_\_\_  
HP rating \_\_\_\_\_

3. Reservoir: Attach an engineering survey, an "NRCS As Built" survey, or complete the formula below with current measurements of the reservoir or pit as it was built.

Dam: Surface Area \_\_\_\_\_ X Maximum Depth \_\_\_\_\_ X 0.4 = \_\_\_\_\_ AC-FT  
 Pit: Surface Area \_\_\_\_\_ X Maximum Depth \_\_\_\_\_ X 0.5 = \_\_\_\_\_ AC-FT

Release Other Than Spillway  No  Yes, (Describe type and size of any release or drainage device)

4. Conveyance Facilities:  Centrifugal  Turbine  Submersible

Describe (pipe material, size, length, top width, bottom width, depth, etc.) \_\_\_\_\_

5. Irrigation System:

Flood:  Contour Ditch  Border Dike  Spreader Dike

Sprinkler:  Handline # of Heads \_\_\_\_\_  
 Wheel Line PSI \_\_\_\_\_  
 Big Gun Nozzle size \_\_\_\_\_  
 Nozzle type \_\_\_\_\_

Center Pivot (attach a copy of sprinkler chart)

Other (Describe) \_\_\_\_\_

Type of Crop:  Alfalfa  Pasture  Small grains  Other \_\_\_\_\_

**E. PERIOD OF APPROPRIATION**

The time during the year that water is diverted, impounded, or withdrawn from the source.

\_\_\_\_\_ to \_\_\_\_\_  
 month/day month/day

**F. POINT OF DIVERSION**

IDENT NO	LOT	BLK	GOV'T LOT	1/4	1/4	1/4	SEC	TWP N/S	RGE E/W	CNTY

Subdivision Name \_\_\_\_\_

**G. PLACE OF USE**

For Irrigation:

ACRES	LOT	BLK	1/4	1/4	1/4	SEC	TWP N/S	RGE E/W	CNTY	(N)New/ (S)Supp.

\_\_\_\_\_ TOTAL ACRES Subdivision Name \_\_\_\_\_

For Non-Irrigation:

If the place of use is the same as the point of diversion, check.

PURPOSE	GOV'T LOT	LOT	BLK	1/4	1/4	1/4	SEC	TWP N/S	RGE E/W	CNTY

Subdivision Name \_\_\_\_\_

**H. FLOW MEASUREMENTS**

1. Method of measurement:  Meter  Weir  Flume  Float and Stopwatch  
 Other \_\_\_\_\_

2. Water Measurement Equipment Statistics:

Equipment	Type	Make	Model No.	Size

3. Measurement readings: \_\_\_\_\_ or  See Field Notes Attached.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

**I. VOLUME CALCULATIONS**

1. Calculations for Irrigation

Crop Requirement: (Complete A and B, C, or D)

A.  $V_{IR} = \frac{\text{_____}}{\text{(acres)}} \times \frac{\text{_____}}{\text{(irrigation requirement)}} = \text{_____ acre-feet/yr}$

Actual Amount Used: (Complete B, C, or D)

B.  $V_{DR} = \frac{\text{_____}}{\text{(GPM)}} \times 60 \times \frac{\text{_____}}{\text{(hours/day)}} \times \frac{\text{_____}}{\text{(days irrigated)}} \div 325,851 = \text{_____ acre-feet/yr}$

C.  $V_{IN} = \frac{\text{_____}}{\text{(inches/irrigation)}} \times \frac{\text{_____}}{\text{(no. of irrigations)}} \times \frac{\text{_____}}{\text{(acres)}} \div 12 = \text{_____ acre-feet/yr}$

D.  $V_{MT} = \frac{\text{_____}}{\text{(metered volume)}} \text{ acre-feet/yr}$

Comparison: If the volume of water indicated in (A) above is less than or greater than the amount calculated in (B), (C), or (D), identify any facts that would explain why. \_\_\_\_\_

\_\_\_\_\_  
 \_\_\_\_\_

2.  Calculations for Other Uses (Water Conversion Table, Form No. 615, is available at the Regional Office)

**J. BENEFICIAL USE AND PERIOD OF USE**

- Domestic: Number of households \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ rate \_\_\_\_\_  GPM  CFS volume \_\_\_\_\_ acre-feet
- Lawn & garden: Number of acres \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ rate \_\_\_\_\_  GPM  CFS volume \_\_\_\_\_ acre-feet
- Stock: Number and type \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ rate \_\_\_\_\_  GPM  CFS volume \_\_\_\_\_ acre-feet
- Irrigation: Number of acres \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ rate \_\_\_\_\_  GPM  CFS volume \_\_\_\_\_ acre-feet
- Other Uses: \_\_\_\_\_  
from \_\_\_\_\_ to \_\_\_\_\_ rate \_\_\_\_\_  GPM  CFS volume \_\_\_\_\_ acre-feet

**K. PERMIT CONDITIONS OR LIMITATIONS**

Explain how each of the conditions of the permit have or have not been met.

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**L. MAP AND PHOTOGRAPHS**

- Attach a copy of aerial photo or USGS Quadrangle showing the following:
  - Section Corners and Numbers
  - Location of Ditch, Pipeline, etc.
  - Township and Range Numbers
  - Place of Use (stock tanks, acres irrigated)
  - Point of Diversion
  - Reservoir Location
- Photographs of your diversion and the place of use will help document the completion and operation of your project. If photos are submitted, label them with the following information:
  - Permit Number
  - Name of photographer
  - Date photo taken
  - Subject of photo (point of diversion, etc.)

**M. CERTIFICATION**

The above information is a true statement of the extent the project was developed.

I declare under penalty of perjury and under the laws of the state of Montana that the foregoing is true and correct.

Field Examiner Printed Name: \_\_\_\_\_

Field Examiner Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**N. PERMIT OWNER** (sign only if the person signing the certification is not the permittee)

I have reviewed these findings and submit this Notice of Completion to the Department.

I declare under penalty of perjury and under the laws of the state of Montana that the foregoing is true and correct.

Permit Owner Printed Name: \_\_\_\_\_

Permit Owner Signature: \_\_\_\_\_ Date: \_\_\_\_\_

**SUBMIT THE COMPLETED FORM TO YOUR WATER RESOURCES REGIONAL OFFICE LISTED IN THE INSTRUCTIONS.**