PREAPPLICATION MEETING FORM: PART A

CHANGE

§ 85-2-302(3)(b)

Form No. 606P-A *(Revised 02/2025)*

For Department Use Only

Application # _____ Basin _____

Meeting Date _____ Time _____

Variance Request Deadline _____

Completed Form Deadline _____

PREAPPLICATION MEETING FEE

$ 500

FILING FEE REDUCTION & EXPEDITED TIMELINE

An application will be eligible for a filing fee reduction and expedited timelines if the applicant completes a preapplication meeting with the Department (ARM 36.12.1302(1)), which includes submitting any follow-up information identified by the Department (ARM 36.12.1302(3)(c)) and receiving either Department-completed technical analyses or Department review of applicant-submitted technical analyses (ARM 36.12.1302(4) and (5)). An application for the proposed project also must be submitted within 180 days of delivery of Department technical analyses or scientific credibility review and no element on the submitted application can be changed from the completed preapplication meeting form (ARM 36.12.1302(6)).

The Department will fill out Form 606P-A and will identify items for follow-up during the preapplication meeting. The Department and Applicant will sign the Preapplication Meeting Affidavit and Certification within 10 business days. Within 180 days of the preapplication meeting, the Applicant will complete Preapplication Meeting Form Part B (Form 606P-B), including identified follow-up, any amended responses, and the Follow-up and Amended Responses Affidavit & Certification.

Applicant Information: *Add more as necessary.*

Applicant Name_____

Mailing Address_____ City_____ State_____ Zip_____

Phone Numbers: Home_____ Work_____ Cell_____

Email Address_____

Applicant Name_____

Mailing Address_____ City_____ State_____ Zip_____

Phone Numbers: Home_____ Work_____ Cell_____

Email Address_____

Contact/Representative Information: *Add more as necessary.*

Contact/Representative is: ☐Applicant ☐Consultant ☐Attorney ☐ Other (describe) _____

Contact/Representative Name_____

Mailing Address _____ City_____ State_____ Zip_____

Phone Numbers: Home_____ Work_____ Cell_____

Email Address_____

NOTE: *If a contact person is identified as an attorney, all communication will be sent only to the attorney unless the attorney provides written instruction to the contrary. If a contact person is identified as a consultant, employee, or lessee, the individual filing the water right form or objection form will receive all correspondence and a copy may be sent to the contact person. (ARM 36.12.122)*

Meeting Attendees: *Add more as necessary.*

Name	Organization	Position

Table of Contents

Application Details

The following questions are mandatory and must be filled out before the Preapplication Meeting Form is determined to be complete. Narrative responses that are larger than the space provided can be answered in an attachment. If an attachment is used, mark the see attachment ("A") checkbox on this form and label the attachment with the question number. Constrain narrative responses to the specific question as is asked on the form; do not respond to multiple questions in one narrative. Responses in the form of a table may be entered into the table provided on this form or in an attachment. If an attachment is used, the table must have the exact headings found on this form, and the see attachment ("A") checkbox must be marked. Label units in narrative responses and tables. Questions that require Applicant to submit items to the Department have a submitted ("S") checkbox, which is marked when the required item is attached to the Preapplication Meeting Form. Label all submitted items with the question number for which they were submitted. For all questions where follow-up is necessary, mark the "F" checkbox in the "Follow-Up" column and write the question number on the "Follow-Up Page".

S = Submitted. *Use when required item is included with form.*

A = See attachment. *Use when additional space is needed to answer a question.*

F = Follow-up. *Use when follow-up is necessary.*

Questions, Narrative Responses, and Tables	**Check-boxes**	**Follow-Up**
1. Do you elect to have DNRC conduct technical analyses?	☐ Y ☐ N	☐ F
2. How many change applications will be needed for this project? Please refer to ARM 36.12.1305 for more information. _____		☐ F
3. Which water right(s) are proposed for change?	☐ A	☐ F

Water Right No.	**Current Authorized Flow Rate**			**Flow Rate Needed for Project**			**Means of Diversion**
	Flow	*GPM*	*CFS*	*Flow*	*GPM*	*CFS*	
		☐	☐		☐	☐	
		☐	☐		☐	☐	
		☐	☐		☐	☐	
		☐	☐		☐	☐	
		☐	☐		☐	☐	

4. Is the proposed change on a non-filed water project?	☐ Y ☐ N	☐ F
a. If yes, please submit a Non-Filed Water Project Addendum (Form 606/634-NFWPA). The project must meet the requirements of the addendum. The addendum is required before the Preapplication Meeting Form is completed.	☐ S	☐ F

5. Is the source surface water or groundwater? _____		
6. What is the source name? _____		
7. Identify the water right elements proposed for change, with a checkmark, for each water right proposed for change.	☐ A	☐ F

Water Right #						
Point of diversion	☐	☐	☐	☐	☐	☐
Place of use	☐	☐	☐	☐	☐	☐
Purpose of use	☐	☐	☐	☐	☐	☐
Place of storage	☐	☐	☐	☐	☐	☐

8. Submit a historical use map created on an aerial photograph or topographic map that shows the following: section corners, township and range, scale bar, north arrow, all historical points of diversion (POD) labeled with a unique POD ID ("H" followed by a number), all historical places of use (POU), all historical conveyance structures, all historical places of storage, and historical place of use for all overlapping water rights. More than one map may be submitted, if necessary to clearly convey all required information.	☐ S	☐ F
9. Submit a proposed use map created on an aerial photograph or topographic map that shows the following: section corners, township and range, scale bar, north arrow, all proposed points of diversion labeled with a unique POD ID ("P" followed by a number), all proposed places of use, all proposed conveyance structures, all proposed places of storage, and proposed place of use for all overlapping water rights. More than one map may be submitted, if necessary to clearly convey all required information.	☐ S	☐ F
10. Does the change involve a change in point of diversion?	☐ Y ☐ N	☐ F
a. If yes, describe the location for all *new* and *unchanged* points of diversion to the nearest 10 acres. Label POD ID with the POD ID assigned for the proposed use map (question 9).	☐ A	☐ F

POD ID	¼	¼	¼	Sec	Twp	Rge	County	Lot	Block	Tract	Subdivision	Gov. Lot	New or Unchanged

11. Describe the location of all historical PODs you propose to *retire*. Label POD ID with the POD ID assigned for the historical use map (question 8). If none are proposed for retirement, write "N/A" here: _____	☐ A	☐ F

POD ID	¼	¼	¼	Sec.	Twp.	Rge	County	Lot	Block	Tract	Subdivision	Gov. Lot

12. What is the means of diversion for all *new* PODs? Means of diversion for surface water includes headgate, pump, dam, and others. Means of diversion for groundwater includes well, developed spring, pit pond, and others. _____ _____		☐ F
13. Does the change involve a change in place of use?	☐ Y ☐ N	☐ F
a. If yes,		
i. What are the geocodes of the proposed place of use?	☐ A	☐ F

ii. Describe the legal land description of the proposed place of use and, if the water rights being changed will have an irrigation or lawn and garden purpose, list the number of irrigated acres.	☐ A	☐ F

Acres	Gov't Lot	¼	¼	¼	Sec	Twp	Rge	County
	Total							

iii. Do other water rights supplement or overlap the historical and/or proposed place of use?	☐ Y ☐ N	☐ F
1. If yes,		
a. How were the water rights operated to serve the historical purposes and how will they be operated to serve the proposed purposes? _____ _____ _____ _____	☐ A	☐ F
b. For each supplemental or overlapping water right, please list whether they contribute water for historical use, proposed use, or both; the average period of contribution (MM/DD-MM/DD); flow rate contributed (GPM or CFS); and, if known, the volume of water contributed (AF) contributed (otherwise write "unknown").	☐ A	☐ F

Water Right No.	**Contributions to Use**			**Average Period of Contribution**	**Flow Rate Contributed**			**Volume Contributed**
	Hist.	*Prop.*	*Both*	*MM/DD-MM/DD*	*Flow*	*GPM*	*CFS*	*AF*
	☐	☐	☐			☐	☐	
	☐	☐	☐			☐	☐	
	☐	☐	☐			☐	☐	

14. Does the proposed change include a change in purpose of use? If yes, answer questions 101 to 108 for change in purpose of use and question 13.a.iii for supplemental or overlapping water rights.	☐ Y ☐ N	☐ F
15. Are conveyance ditches used for historical or proposed uses? If yes, answer ditch-specific questions 109 to 115.	☐ Y ☐ N	☐ F
16. Do you propose to add or modify one or more places of storage? This does not include reservoirs, pits, pit-dams, or ponds with a capacity less than 0.1 AF; water tanks; or cisterns (ARM 36.12.113(6)). If yes, answer mandatory questions 116 to 123. Additionally, you may choose to answer non-mandatory questions 175 to 179. A Change Storage Addendum (Form 606-SA) will be required at application submittal.	☐ Y ☐ N	☐ F
17. Is the proposed use temporary? If yes, answer questions 94 to 100 for temporary changes.	☐ Y ☐ N	☐ F
18. Are you filing on behalf of another entity? If yes, describe. _____ _____	☐ Y ☐ N	☐ F

19. Do you own the entire historical place of use for all water rights proposed for change?	☐ Y ☐ N	☐ F
a. If no, was the water historically used for sale, rental, distribution, municipal use, or any other context in which water is being supplied to another and it is clear that the ultimate user would not accept the supply without consenting to the use of water on the user's place of use?	☐ Y ☐ N	☑ F
i. If no,		
1. List the water rights for which you do not own the entire historical place of use. _____	☐ A	☐ F
2. Are the water rights listed in question 19.a.i.1 severed from the historical POU?	☐ Y ☐ N	☐ F
a. If yes, do you own the entirety of the severed water rights proposed for change?	☐ Y ☐ N	☐ F
i. If yes, skip to question 20. If no, answer question 19.a.i.3.		
b. If no, answer question 19.a.i.3.		
3. Are all owners of the historical place of use or, if applicable, owners of the severed water rights, willing to sign the application?	☐ Y ☐ N	☐ F
a. If no,		
i. A Form 641 or 642 to split the water rights being changed must be received and processed by the Department prior to application submittal.		
ii. Describe how the water rights will be split, and which part of the split water rights will be proposed for change. _____ _____ _____	☐ A	☐ F
20. Are you proposing to add a point of diversion or place of use on State of Montana Trust Land?	☐ Y ☐ N	☐ F
a. If yes,		
i. Documentation of consent from the DNRC Trust Lands Management Division will be required at application submittal.		
ii. Do you propose to add a place of use on Trust Land with all points of diversion on private land? If yes, the change authorization will be temporary for the duration of the lease term (§85-2-441, MCA); answer temporary change project-specific questions 94 to 100.	☐ Y ☐ N	☐ F

21. Will your system be designed to discharge water from the project?	☐ Y ☐ N	☐ F
a. If yes, explain the wastewater disposal method. A discharge permit may be required to comply with §§ 75-5-410 and 85-2-364, MCA. _____ _____ _____	☐ A	☐ F
22. Is the application to change the purpose of use or place of use of an appropriation of 4,000 or more acre-feet (AF) of water a year and 5.5 or more cubic feet per second (CFS)? If yes, you must submit a Reasonable Use Addendum (Form 606-B) with the application. The reasonable use criteria are found in §85-2-402(4-5), MCA.	☐ Y ☐ N	☐ F
23. Will you be transporting water for use outside of Montana? If yes, you will need to submit an Out-of-State Use Addendum (Form 600/606-OSA) with the application. The out-of-state use criteria are outlined in §85-2-402(6), MCA.	☐ Y ☐ N	☐ F
24. Is the project located in designated sage grouse habitat? If yes, a review letter from the Montana Sage Grouse Habitat Conservation Program will be required at application submittal.	☐ Y ☐ N	☐ F
25. Does the application include a mitigation, aquifer recharge, or marketing for mitigation/aquifer recharge purpose? If yes, answer mandatory questions 124 to 129. Additionally, you may choose to answer non-mandatory questions 185 to 190. A Mitigation Addendum (Form 600/606-MIT) will be required with application submittal.	☐ Y ☐ N	☐ F
26. Does the application include the water marketing purpose? This does not include marketing for mitigation/aquifer recharge. If yes, answer the following question. Additionally, you may choose to answer non-mandatory questions 191 to 195. A Water Marketing Purpose Addendum (Form 600/606-WMA) will be required with application submittal.	☐ Y ☐ N	☐ F
a. For what purposes will the marketed water be used? _____ _____ _____	☐ A	☐ F
27. Does the proposed purpose include instream flow? If yes, answer mandatory questions for instream flow changes 130 to 136. Additionally, you may choose to answer non-mandatory questions 180 to 184. A Change to Instream Flow Addendum (Form 606-IFA) will be required with application submittal.	☐ Y ☐ N	☐ F
28. Will the proposed use include water made available through creation of a “water saving method” (i.e., salvage water) as defined in ARM 36.12.101? If yes, answer questions 137 to 141 for Salvage Water.	☐ Y ☐ N	☐ F

Historical Use

The following questions are mandatory and must be filled out for both Surface Water and Groundwater Applications before the Preapplication Meeting Form is determined to be complete.

Questions, Narrative Responses, and Tables	Check-boxes	Follow-Up
29. What is the water right type for each water right proposed for change? Answer question 30 for each Statement of Claim, question 31 for each Provisional Permit, and question 32 for water right that is not a Statement of Claim or Provisional Permit. _____ _____	☐ A	☐ F
30. In the table below, write the water right number for each Statement of Claim proposed for change in the "Statement of Claim Number" column. If there is one or more previous change authorizations, write the application numbers for the change authorizations in the "Previous Change Authorization Number" column. If there are no previous change authorizations, write "none" in the "Previous Change Authorization Number" column and "N/A" in all the remaining columns. Write the date of the Project Completion Notice for each previous change authorization in the "Project Completion Notice Date" column and if no Project Completion Notice has been submitted, write "none" instead. In the "Previous Historical Use Analysis Quality" column, describe the quality of the previous historical use analysis.	☐ A	☐ F

Statement of Claim Number	Previous Change Authorization Number	Project Completion Notice Date	Previous Historical Use Analysis Quality

31. In the table below, write the water right number for each Provisional Permit proposed for change in the "Provisional Permit Number" column. In the "Project Completion Notice Date" column, write the date of the Project Completion Notice and if no Project Completion Notice has been submitted, write "none" instead. Write the application number for each previous change authorization in the "Previous Change Authorization Number" column. If there are no previous change authorizations, write "none" in the "Previous Change Authorization Number" column and "N/A" in all the remaining columns. Write the date of the Project Completion Notice for each previous change authorization in the "Previous Change Project Completion Notice" column and if no Project Completion Notice has been submitted, write "none" instead. In the "Previous Change Historical Use Analysis Quality" column, describe the quality of the previous historical use analysis.	☐ A	☐ F

Provisional Permit Number	Project Completion Notice Date	Previous Change Authorization Number	Previous Change Project Completion Notice Date	Previous Historical Use Analysis Quality

32. In the table below, write the water right number for each water right proposed for change that is not a Statement of Claim or Provisional Permit, the type of water right, and the completion date. If a Groundwater Certificate, the completion date will be the date of filing. If an exempt or non-filed water right, the completion date will be July 1, 1973. If there are one or more previous change authorizations, write the application number for each change authorization in the "Previous Change Authorization Number" column. If there are no previous change authorizations, write "none" in the "Previous Change Authorization Number" column and "N/A" in all the remaining columns. Write the date of the Project Completion Notice for each previous change authorization in the "Previous Change Project Completion Notice Date" column and if the previous change authorization does not have a Project Completion Notice, write "none" instead. In the "Previous Historical Use Analysis Quality" column, describe the quality of the previous historical use analysis.	☐ A	☐ F

Water Right Number	Water Right Type	Completion Date	Previous Change Authorization Number	Previous Change Project Completion Notice Date	Previous Historical Use Analysis Quality

33. Are there previous Montana Water Court approved stipulations, Water Master reports, or prior Montana Water Court or Department decisions related to the water right(s) being changed?	☐ Y ☐ N	☐ F
a. If yes, explain. _____ _____ _____ _____ _____ _____	☐ A	☐ F
34. Fill in the table below based on ARM 36.12.1902(1) and the information provided in questions 29 to 33. In column "Water Right Number", list all water rights proposed for change. Select one of the three historical use analysis options and fill in the required information associated with that option. Select "Full Historical Use Analysis N/A" only if an unperfected Provisional Permit will be used to serve as historical use in lieu of analysis. If the "Existing Historical Use Analysis" or "Full Historical Use Analysis N/A" option is selected, skip to question 57 because this section is complete.	☐ A	☐ F

Water Right No. Proposed for Change	**Historical Use Analysis Options**
	☐ New Historical Use Analysis. Date for which historical use will be analyzed: _____
	☐ Existing Historical Use Analysis. Change authorization number with existing Historical Use Analysis: _____
	☐ Full Historical Use Analysis N/A. Water right number serving as historical use in lieu of analysis: _____

	☐ New Historical Use Analysis. Date for which historical use will be analyzed: _____
	☐ Existing Historical Use Analysis. Change authorization number with existing Historical Use Analysis: _____
	☐ Full Historical Use Analysis N/A. Water right number serving as historical use in lieu of analysis: _____
	☐ New Historical Use Analysis. Date for which historical use will be analyzed: _____
	☐ Existing Historical Use Analysis. Change authorization number with existing Historical Use Analysis: _____
	☐ Full Historical Use Analysis N/A. Water right number serving as historical use in lieu of analysis: _____

35. Do you have knowledge of historical use?	☐ Y ☐ N	☐ F
a. If yes,		
i. Is this firsthand knowledge?	☐ Y ☐ N	☐ F
ii. Who has this knowledge and what was their role? _____	☐ A	☐ F
b. If no, where will the historical use data be derived? _____ _____	☐ A	☐ F

*Fill out the remaining Historical Use questions (questions 37 to 56) **one time for each** water right proposed for change. Use the "Additional Water Right Historical Use (606P)" sheet for each additional water right. You may answer **one time for all** water rights proposed for change that have the same purposes, place of use, supplemental water rights, points of diversion, period of use, conveyance, diverted volume parameters, and consumptive volume parameters.*

36. What is the water right number for which questions 37 to 56 will be answered? _____		☐ F

Historical Use: Place of Use

37. The historical use map submitted for question 8 must clearly identify the entire place of use for each overlapping water right that intersects the historical place of use. Does your historical use map meet this requirement?	☐ Y ☐ N	☐ F
38. Are you proposing to change all water rights associated with the historical place of use?	☐ Y ☐ N	☐ F
a. If no, identify the water rights associated with the historical place of use that are not included in this application. Provide the priority date for each water right and explain why all overlapping water rights are not included in the application. Include water received via contract from a company, district, or water users' association.	☐ A	☐ F

Water Right No.	Priority Date	Reason Not Included in Change

39. Answer the section of this question relevant to the historical purpose. If there is more than one purpose, then answer all relevant parts of this question.		
a. All purposes		
i. Does the legal land description from the abstract encompass the actual location of the historical place of use?	☐ Y ☐ N	☐ F
1. If no, explain the discrepancy and submit historical aerial photographs and/or other data sources to corroborate the location of these historical places of use, and, if a Statement of Claim, submit documentation of a written request submitted to the Water Court for amendment of the Claim. _____ _____	☐ S	☐ F
b. Irrigation		
i. Is the water right being changed a Statement of Claim?	☐ Y ☐ N	☐ F
1. If yes, does the Water Resources Survey corroborate the acres irrigated listed on the abstract?	☐ Y ☐ N	☐ F
a. If no, submit evidence that can corroborate the historical place of use, including the number of irrigated acres. This includes, but is not limited to, aerial photographs, irrigation journals, or logs.	☐ S	☐ F
2. If no, submit one or more aerial photographs that can corroborate the historical place of use, including the number of irrigated acres.	☐ S	☐ F
c. Lawn and garden		
i. Submit aerial photographs that can corroborate the historical place of use, including the number of irrigated acres.	☐ S	☐ F
d. Stock		
i. Submit aerial photographs, grazing records, or other records to corroborate the historical place of use.	☐ S	☐ F
ii. Did the stock drink direct from source or direct from ditch?	☐ Y ☐ N	☐ F
1. If no, submit data sources that make clear the location of the stock watering infrastructure.	☐ S	☐ F
e. Multiple domestic, domestic, municipal, mining, commercial, and other purposes		
i. Submit aerial photographs, deeds, other recorded documents or records, affidavits, or other published documents, such as magazine articles, to corroborate the historical place of use.	☐ S	☐ F

Historical Use: Point of Diversion

Continue to answer questions for water right(s) identified in question 36. Applications corroborating historical flow rate with the Historical Use Addendum (Form 606-HUA) may be eligible to skip question 42; see the Form 606-HUA for more information.

40. For all historical points of diversion, identify the means, location (¼ ¼ ¼ section), and if they are proposed for change. Label using the same POD ID letter as for the Historical Use Map (question 8).	☐ A	☐ F

POD ID	Means	Location (¼ ¼ ¼ Section)	Proposed for Change?
			☐ Y ☐ N
			☐ Y ☐ N
			☐ Y ☐ N
			☐ Y ☐ N

41. Do the legal land descriptions from the abstract encompass the actual locations of all historical points of diversion?	☐ Y ☐ N	☐ F
a. If no, explain the discrepancy and submit historical aerial photographs and/or other data sources to corroborate the location of these historical points of diversion, and, if a Statement of Claim, submit documentation of a written request submitted to the Water Court for amendment of the Claim. _____ _____	☐ S	☐ F
42. Answer questions below related to the diversion means for each of the historical points of diversion.		
a. Headgate		
i. For each headgate, provide dimensions in feet (FT), slope of the channel at the headgate (%), material of the headgate, estimated historical capacity in gallons per minute (GPM) or cubic feet per second (CFS) and the method used to estimate historical capacity. Label using the same POD ID letter as for the Historical Use Map (question 8).	☐ A	☐ F

POD ID	Dimensions	Slope	Material	Estimated Capacity			Method
	FT	*%*		*Cap.*	*GPM*	*CFS*	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	

b. Pump, dike, dam, or other surface water point of diversion		
i. For each pump, dike, dam, or other surface water point of diversion, provide an estimate of the historical capacity (GPM or CFS) and the method used to estimate the historical capacity. Label using the same POD ID letter as for the Historical Use Map (question 8).	☐ A	☐ F

POD ID	Estimated Capacity			Method
	Cap.	*GPM*	*CFS*	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	

c. Well, pit, or other groundwater point of diversion		
i. For each well, pit, or other groundwater point of diversion, provide an estimate of the historical capacity (GPM or CFS) and the method used to estimate the historical capacity. Label using the same POD ID letter as for the Historical Use Map (question 8).	☐ A	☐ F

POD ID	Estimated Capacity			Method
	Cap.	*GPM*	*CFS*	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	
		☐	☐	

43. Do other water rights share any of the points of diversion?	☐ Y ☐ N	☐ F
a. If yes, list the water rights, their flow rates (GPM or CFS), and the nature of the relationship. Label using the same POD ID letter as for the Historical Use Map (question 8).	☐ A	☐ F

POD ID	**Water Right No.**	**Flow Rate**			**Relationship**
		Flow	*GPM*	*CFS*	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	
			☐	☐	

Historical Use: Period of Diversion

(Continue to answer questions for water right(s) identified in question 36.)

44. Are the period of diversion and the period of use the same?	☐ Y ☐ N	☐ F
a. If no,		
i. Why are they different? _____ _____	☐ A	☐ F
ii. Is there a place of storage?	☐ Y ☐ N	☐ F
45. When was water diverted for the purposes of the water rights being changed?	☐ A	☐ F

Start Date (Month (MM)/Day (DD))	**End Date (MM/DD)**

46. Does the Department have a standard, found in ARM 36.12.112, for the period of diversion for all purposes for which water is used?	☐ Y ☐ N	☐ F
a. If yes, does the period of diversion for all purposes fall within Department standards?	☐ Y ☐ N	☐ F
b. If no, or if any period of diversion falls outside Department standards, explain how the period of diversion is reasonable for the purpose. _____ _____ _____ _____	☐ A	☐ F

Historical Use: Historical Diverted Volume

Continue to answer questions for water right(s) identified in question 36. Applications corroborating historical diverted volume with the Historical Use Addendum (Form 606-HUA) may be eligible to skip question parts of question 47; see the Form 606-HUA for more information.

47. Answer all relevant sections of this question based on whether the historical purpose was irrigation, non-irrigation, or both.		
a. Irrigation		
i. Do you want ARM 36.12.1902(10) to be used to calculate historical diverted volume?	☐ Y ☐ N	☐ F
1. If no, submit a Historical Water Use Addendum (Form 606-HUA). Form 606-HUA must be submitted to the Department before the Preapplication Meeting Form is completed.	☐ S	☐ F
ii. What were the crop(s) grown? _____		☐ F
1. For hay, how many cuttings were there per season and how many days did cuttings last? Did irrigation cease throughout the place of use for cuttings? For other crops, explain whether irrigation regularly ceased within the irrigation season. For all crops, explain whether diversions ceased during times irrigation did not occur. _____ _____ _____	☐ A	☐ F

b. Non-irrigation		
i. Explain your historical diversion schedule, with sufficient detail to estimate the volume of water historically diverted. This may include, but is not limited to, days per year water was historically diverted or the number of diversions per year and the duration of each diversion.	☐ A	☐ F
ii. Explain water diverted but not consumed by the non-irrigation purpose(s). This includes, but is not limited to, wastewater discharge and conveyance loss. Ditch-Specific Questions (questions 110 to 111) will gather information necessary for estimating losses from conveyance ditches.	☐ A	☐ F
iii. Did historical diversions serve more than one non-irrigation purpose?	☐ Y ☐ N	☐ F
1. If yes, how much of the diversions served each non-irrigation purpose and how did you determine this?	☐ A	☐ F
48. Did diversions ever regularly cease within the period of use due to insufficient water in source or calls based on priority date?	☐ Y ☐ N	☐ F
a. If yes, please explain.	☐ A	☐ F

Historical Use: Historical Consumed Volume

Continue to answer questions for water right(s) identified in question 36. Applications corroborating historical consumptive volume with the Historical Use Addendum (Form 606-HUA) may be eligible to skip parts of question 50; see the Form 606-HUA for more information.

49. What are the historical purposes? Mark each purpose and answer the applicable questions below. ☐ Irrigation. Answer question 50. ☐ Lawn and garden. Answer question 51. ☐ Stock. Answer question 52. ☐ Domestic and multiple domestic. Answer question 53. ☐ Municipal. Answer question 54. ☐ Other. Answer question 55.		

50. Irrigation		
a. Will you use Department standards for historical consumptive use as defined in ARM 36.12.1902?	☐ Y ☐ N	☐ F
i. If no,		
1. What method will you use to determine historical consumptive use? _____ _____	☐ A	☐ F
2. Submit a Historical Water Use Addendum (Form 606-HUA) to the Department. Form 606-HUA must be submitted to the Department before the Preapplication Meeting Form is completed.	☐ S	☐ F
ii. If yes,		
1. What is the historical irrigation method type and subtype? Irrigation method types include flood and sprinkler. Flood irrigation subtypes include level border, graded border, furrow, contour ditch, or wild flood. Sprinkler subtypes include wheel line and center pivot. _____	☐ A	☐ F
2. What was the slope (%) of the historical place of use? _____		☐ F

3. Are there any factors beyond irrigation method type/subtype and place of use slope that may influence percent efficiency of irrigation?	☐ Y ☐ N	☐ F
a. If yes, submit evidence to support the modified percent efficiency of irrigation in the Historical Water Use Addendum (Form 606-HUA). These factors may include infrastructure age, soil characteristics, or field improvements. Form 606-HUA must be submitted to the Department before the Preapplication Meeting Form is completed.	☐ S	☐ F
4. Based on answers to the above questions, what is the percent efficiency of irrigation? _____		☐ F
5. What is the County Management Factor? _____		☐ F
6. What is evapotranspiration (ET) based on the irrigation method and county? _____		☐ F
7. What percent of applied water are irrecoverable losses per ARM 36.12.1902(17)? _____		☐ F

51. Lawn and garden		
a. Will you use a Department standard for historical consumptive use volume for lawn and garden? Department standards include 2.5 acre-feet per acre, or a calculated volume based on Irrigation Water Requirements for turf grass.	☐ Y ☐ N	☐ F
i. If yes, which standard? _____		☐ F
ii. If no, please provide an estimate of historical water use based on expert analysis and methods used to determine this estimate. _____ _____	☐ A	☐ F

52. Stock		
a. Which volume standard for animal units applies to historical use and why? The standards are either 15 gallons per animal unit per day for new appropriations or 30 gallons per animal unit per day for claims. _____	☐ A	☐ F
b. How many animal units were historically served? _____		☐ F
c. Did these animal units rely entirely on the water right(s) proposed for change for their full water demand?	☐ Y ☐ N	☐ F
i. If no, explain. _____ _____	☐ A	☐ F

53. Domestic and multiple domestic		
a. How many households were served? _____		☐ F
b. Will the Department standard of 1 acre-foot per household be used? The same standard shall be applied to historical and proposed uses.	☐ Y ☐ N	☐ F
i. If no, what standard will be used? _____		☐ F
c. Did the historical use include wastewater disposal and treatment?	☐ Y ☐ N	☐ F
i. If yes, which of the following best describes the wastewater disposal and treatment system? Individual drain fields, central treatment facility with minimal consumption, or evaporation basin or land application? _____	☐ A	☐ F

54. Municipal		
a. What is the volume of water (AF) historically consumed for municipal purposes? _____		☐ F
b. Submit evidence to support historical municipal use. The data sources may include records that tie water use to the U.S Census, estimates of historical system capacity and estimates of leakage.	☐ S	☐ F

55. Other		
a. Specify the other purposes. _____		☐ F
b. What is the volume of water (AF) historically consumed for other purposes? _____		☐ F
c. Submit evidence to support the volume of water historically consumed.	☐ S	☐ F

Historical Use: Historical Places of Storage

(Continue to answer questions for water right(s) identified in question 36.)

56. Did the historical use include one or more places of storage? This does not include reservoirs, pits, pit-dams, or ponds with a capacity less than 0.1 AF; water tanks; or cisterns (ARM 36.12.113(6)).	☐ Y ☐ N	☐ F
a. If yes, for each historical place of storage please provide the surface area in acres (AC), capacity (AF), annual net evaporation (FT/YR), and number of times per year the place of storage was filled.	☐ A	☐ F

ID	Surface Area (AC)	Capacity (AF)	Annual Net Evaporation (FT/YR)	# of Annual Fillings

Surface Water

☐ **Applicable**, move on to question 57. ☐ **Not Applicable**, skip to question 66.

The following questions are mandatory for changes to surface water rights and must be filled out before the Preapplication Meeting Form is determined to be complete.

Return Flow Analysis

Questions, Narrative Responses, and Tables	Check-boxes	Follow-Up
57. Do the purposes of the water rights proposed for change include irrigation?	☐ Y ☐ N	☐ F
a. If yes, does the proposed change include a change in place of use *and/or* a change in purpose? If you propose to retire acres in the historical place of use and/or add new acres outside the historical place of use, this constitutes a change in place of use.	☐ Y ☐ N	☐ F
i. If yes, a return flow analysis is required. Move on to answer question 58.		
ii. If no, this section is complete, and you may skip to question 94.		
58. Does the proposed change include a change in purpose?	☐ Y ☐ N	☐ F
a. If yes, consumptive use information is collected in the Change in Purpose section (questions 101 to 108), skip to question 59.		
b. If no, go to question 59.		
59. Does the proposed change include a change in place of use? If yes, move on to question 60. If no, skip to question 63.	☐ Y ☐ N	☐ F

60. Submit a map showing the new, unchanged historical, and retired historical places of use. Create map on an aerial photograph or topographic map that shows the following: section corners, township and range, scale bar, and north arrow. If you have shapefiles associated with this map, in addition to submitting an image of the map, please submit electronic copies of the shapefiles to the Department.	☐ S	☐ F
61. How many acres, if any, will be retired from the historical place of use? _____		☐ F
62. Are irrigated acres proposed that are outside the historical place of use?	☐ Y ☐ N	☐ F
a. If yes,		
i. How many acres? _____		☐ F
ii. What is the proposed irrigation method type (e.g., flood or sprinkler) and subtype (e.g., level border, graded border, furrow, contour ditch, wild flood, center pivot, or wheel line) for the new acres? _____		☐ F
iii. What is the slope (%) of the new place of use? _____		☐ F
iv. Based on 62.a.ii to 62.a.iii, what is the percent efficiency of irrigation for the new acres? _____		☐ F
v. What is the County Management Factor for the new acres? _____		☐ F
vi. What is the ET based on the irrigation method and county for the new acres? _____		☐ F
vii. What percent of applied water are irrecoverable losses for new acres? _____		☐ F
63. Do you have information for the Department to consider about the source and location where return flows historically accrued?	☐ Y ☐ N	☐ F
a. If yes, submit this information to the Department.	☐ S	☐ F

Extended Return Flow Analysis

64. Based on the preliminary data provided by the Department at this preapplication meeting, to what surface water sources do return flows accrue before and after the proposed change? **Return flow data provided by the Department at the preapplication meeting is preliminary and is subject to change during technical analyses. If the source or location of return flow data changes during technical analyses, then the analysis of impacts to identified surface water rights will reflect the technical analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).* _____ _____	☐ A	☐ F
65. If an extended return flow analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect, do you elect to answer non-mandatory questions 149 to 154 to provide information required for this extended analysis?	☐ Y ☐ N	☐ F
a. If yes, go to question 149. This information will be used if an extended return flow analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect.		
b. If no, did you elect in question 1 for the Department to conduct technical analyses?	☐ Y ☐ N	☐ F
i. If yes, do you elect for the Department to use publicly available water quantity data for the extended return flow analysis? If the extended return flow analysis is needed and sufficient publicly available water quantity data are not available, then the Department will not be able to conduct the extended analysis. You will still have to prove a lack of adverse effect from the proposed change.	☐ Y ☐ N	☐ F
ii. If no, you may still include the extended return flow analysis with your technical analyses. The Department will include the extended analysis in its scientific credibility review of your technical analyses. You will still need to prove a lack of adverse effect from the proposed change.		

GROUNDWATER

☐ **Applicable**, move on to question 66. ☐ **Not Applicable**, skip to question 94.

The following questions are mandatory for changes to groundwater rights and must be filled out before the Preapplication Meeting Form is determined to be complete.

Groundwater Analysis for Changes

Questions, Narrative Responses, and Tables	Check-boxes	Follow-Up
66. Does the proposed change include a change in point of diversion?	☐ Y ☐ N	☐ F
a. If no, this section is complete; skip to question 77.		
b. If yes, a groundwater analysis for changes is required; answer questions specific to the groundwater diversion type.		
i. What is the groundwater diversion type? _____		☐ F

Well/Pumping Pit	Answer questions 67 to 72	**Developed Spring**	Answer question 73	**Pond**	Answer questions 74 to 76

Groundwater Analysis: Well/Pumping Pit

☐ Applicable ☐ Not Applicable

67. Per ARM 36.12.121 a 24- or 72-hour aquifer test is required; do you propose not to conduct the test? An 8-hour test will be required, if no aquifer test is completed.	☐ Y ☐ N	☐ F
a. If yes, explain. The Department will let you know if the request is reasonable and identify additional data needs. _____ _____ _____ _____ _____	☐ A	☐ F

68. Submit Aquifer Test Data Form (Form 633) for each *new* well/pumping pit that will be constructed prior to technical analyses or *existing* well/pumping pit that is added by the change. If an aquifer test was already conducted for an *existing* well/pumping pit, and you would like to use that instead of conducting a new aquifer test, describe this in question 67.a. If a variance is requested, Form 633 must be submitted on or before the Variance Request Deadline. If no variance is requested, Form 633 is due by the time the preapplication meeting form is complete but may be submitted earlier. However, if the Department determines a variance is needed and the Variance Request Deadline has passed, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).	☐ S	☐ F
69. Submit the Aquifer Testing Addendum (Form 600/606-ATA) and associated materials (e.g., well logs). If you request a variance, Form 600/606-ATA must be submitted on or before the Variance Request Deadline. If no variance is requested, Form 600/606-ATA is due by the time the preapplication meeting form is complete but may be submitted earlier. However, if the Department determines a variance is needed and the Variance Request Deadline has passed, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).	☐ S	☐ F
70. Are you requesting a variance from ARM 36.12.121? If you are unsure if a variance request will be needed, mark follow-up and answer this question once Form 600/606-ATA and Form 633 are complete. A variance must be requested by the Variance Request Deadline.	☐ Y ☐ N	☐ F
a. If yes, submit Form 653, Form 600/606-ATA, and Form 633 together on or before the Variance Request Deadline.	☐ S	☐ F
b. If no, you may choose to submit Form 600/606-ATA and Form 633 before the Variance Request Deadline, and the Department will review these two forms. If the Department determines a variance is needed after the Variance Request Deadline, to submit the Form 653 you must reschedule the preapplication meeting or submit the application without expedited fees and timelines (ARM 36.12.1302(6)).		
71. Have all the wells/pumping pits been constructed?	☐ Y ☐ N	☐ F
a. If no,		
i. Submit a list of the POD IDs for all wells/pumping pits and mark whether they have or have not been constructed.	☐ S	☐ F
ii. When will the proposed wells/pumping pits be constructed? _____		☐ F

iii. Is the requested volume for each proposed well/pumping pit known?	☐ Y ☐ N	☐ F
1. If yes, list the flow rate and volume requested for each proposed well/pumping pit. Label with POD ID. _____ _____	☐ A	☐ F
2. If no, what is the total requested volume (AF) and the number of proposed PODs? _____		☐ F
72. What is the flow rate (GPM or CFS), volume (AF), and period of diversion (MM/DD-MM/DD) required at each new well/pumping pit ("*new*") or existing well/pumping pit that is added by the change ("*existing*")? If the well/pumping pit is not yet constructed, use the estimated volume based on question 71.a.iii.2. What is the well/pumping pit depth (FT), if available, or estimated well/pumping pit depth (FT)? Label using the same POD ID number as the Proposed Use Map (question 9) and, if available, GWIC ID. List whether the POD is *new* or an *existing* well added by the change.	☐ A	☐ F

POD ID	**GWIC ID** *(if available)*	**Flow Rate** *Flow*	*GPM*	*CFS*	**Volume** *AF*	**Period of Diversion** *MM/DD-MM/DD*	**Depth** *FT*	**Measured or Estimated**	**New or Existing**
			☐	☐					
			☐	☐					
			☐	☐					
			☐	☐					
			☐	☐					

Groundwater Analysis: Developed Spring

☐ Applicable ☐ Not Applicable

73. Have you measured each *new* developed spring or *existing* developed spring that will be added by the change?	☐ Y ☐ N	☐ F
a. If yes, submit the measurements to the Department and answer the following questions:	☐ S	☐ F
i. Do you have flow rate (GPM or CFS) and volume measurements?	☐ Y ☐ N	☐ F
ii. With what method were measurements collected? _____ _____	☐ A	☐ F

iii. What is the interval of measurements? _____		☐ F
iv. Is the interval of measurements sufficient to comply with the Department standard of monthly flow measurements taken at regular intervals or at department-approved intervals during the proposed period of diversion?	☐ Y ☐ N	☐ F
b. If no, or if measurements do not comply with the Department standard, answer the following questions. The Department cannot deem the preapplication meeting form adequately completed until the Department receives measurements that meet the Department standard.		
i. When do you plan to measure? _____	☐ A	☐ F
ii. With what method and at what interval will measurements be collected? _____ _____	☐ A	☐ F

Groundwater Analysis: Pond

☐ Applicable ☐ Not Applicable

74. Submit Form 653 to apply for a variance from ARM 36.12.121 for the Aquifer Test on or before the Variance Request Deadline.	☐ S	☐ F
75. Submit bathymetry data, survey, or engineering plans for each *new* pond added or *existing* pond added or modified by the proposed change. Label using the same POD ID number as the Proposed Use Map (question 9). List whether the pond is *new* or an *existing* pond.	☐ S	☐ F
76. Are any of the *new* ponds, or *existing* ponds added or modified by the proposed change the pond, fed or drained by surface water in addition to groundwater?	☐ Y ☐ N	☐ F
a. If yes,		
i. Explain. _____ _____ _____	☐ A	☐ F
ii. Submit measurements of the connected surface water source. These may include inflow and outflow measurements.	☐ S	☐ F

Surface Water Depletion Analysis for Changes

77. Does the proposed change include any of the following scenarios that necessitate a surface water depletion analysis pursuant to ARM 36.12.1303(5)(c)? • Change in point of diversion • Change in place of use, purpose of use, or place of storage that result in a change in consumptive use or pumping schedule.	☐ Y ☐ N	☐ F
a. If no, this section is complete; skip to question 85.		
b. If yes, a surface water depletion analysis is required; answer questions specific to the groundwater diversion type.		
i. What is the groundwater diversion type? _____		☐ F

Well/Pumping Pit	Answer questions 78 to 79	**Developed Spring**	Answer question 80	**Pond**	Answer questions 81 to 82

Surface Water Depletion Analysis: Well/Pumping Pit

☐ Applicable ☐ Not Applicable

78. Provide the following information for each well/pumping pit on the current version of the water rights proposed for change that will either remain on the water rights after the change ("*unchanged*") or will be retired ("*retired*"): flow rate (GPM or CFS), volume (AF), period of diversion required (MM/DD-MM/DD), well/pumping pit depth (FT) (if available, otherwise or estimated well/pumping pit depth (FT)), and whether it is *unchanged* or *retired*. Please use the same POD ID as the Historical Use Map (question 8) and, if available, provide the GWIC ID number.	☐ A	☐ F

POD ID	**GWIC ID** *(if available)*	**Flow Rate** *Flow Rate*	*GPM*	*CFS*	**Volume** *AF*	**Period of Diversion** *MM/DD-MM/DD*	**Depth** *FT*	**Measured or Estimated**	**Unchanged or Retired**
			☐	☐					
			☐	☐					
			☐	☐					
			☐	☐					
			☐	☐					

79. Provide the pumping schedule for each well/pumping pit (*new*, *existing*, *unchanged*, or *retired*) for both *before* and *after* the proposed change. Use the same POD ID as the project maps. For *new* and *existing* wells/pumping pits, use the Proposed Use Map (question 9). For *unchanged* and *retired* wells/pumping pits use the Historical Use Map (question 8). Attach any additional pumping schedules using *"Additional Pumping Schedule (606P)" sheet*. For *retired* wells/pumping pits, mark "N/A" checkbox for after the change and for *new* wells/pumping pits, mark "N/A" checkbox for before the change. Mark the checkbox "Diverted volume/# of Days" if it is a year-round use and the pump schedule is an allocation of diverted volume by the number of days in the month. Mark the checkbox "80% dry year IWR" if it is an irrigation/lawn and garden use and the pump schedule is the 80% dry year net irrigation requirement (IWR, NRCS 2003).	☐ A	☐ F

(Before) POD ID				**(After) POD ID**			
☐ Diverted volume/# of Days ☐ 80% dry year IWR ☐ N/A				☐ Diverted volume/# of Days ☐ 80% dry year IWR ☐ N/A			
Month	**Volume (AF)**	**Month**	**Volume (AF)**	**Month**	**Voume (AF)**	**Month**	**Volume (AF)**
January		July		January		July	
February		August		February		August	
March		September		March		September	
April		October		April		October	
May		November		May		November	
June		December		June		December	

Surface Water Depletion Analysis: Developed Spring

☐ Applicable ☐ Not Applicable

80. Is the type of groundwater diversion for your proposed project a developed spring? If yes, skip to question 85 because no surface water depletion analysis will be necessary.	☐ Y ☐ N	☐ F

Surface Water Depletion Analysis: Pond

☐ Applicable ☐ Not Applicable

81. Are there any ponds on the current version of the water rights proposed for change that will remain on the water rights unchanged ("*unchanged*") or will be retired ("*retired*")? If yes,	☐ Y ☐ N	☐ F
a. Did you skip questions 74 to 76 because there is no change in POD? If yes,	☐ Y ☐ N	☐ F
i. Submit Form 653 to apply for a variance from ARM 36.12.121 for the Aquifer Test on or before the Variance Request Deadline.	☐ S	☐ F
b. Submit bathymetry data, survey, or engineering plans for each *unchanged* pond or *retired* pond. Label the submittal with the POD ID and whether the pond is *unchanged* or *retired*.	☐ S	☐ F
c. Are any of the *unchanged* or *retired* ponds fed or drained by surface water, in addition to groundwater?	☐ Y ☐ N	☐ F
i. If yes,		
1. Explain. _____ _____ _____	☐ A	☐ F
2. Submit measurements of the connected surface water source. These may include inflow and outflow measurements.	☐ S	☐ F

82. Provide the schedule of diversions for out-of-pond use for each pond (*new*, *existing*, *unchanged*, or *retired*) for both *before* and *after* the proposed change. Use the same POD ID as the project maps. For *new* and *existing* ponds, use the Proposed Use Map (question 9). For *unchanged* and *retired* ponds use the Historical Use Map (question 8). Attach any additional diversion schedules using the same format as the table below. For *retired* ponds, mark "N/A" checkbox for after the change and for *new* ponds, mark "N/A" checkbox for before the change. Mark the checkbox "Diverted volume/# of Days" if it is a year-round use and the diversion schedule is an allocation of diverted volume by the number of days in the month. Mark the checkbox "80% dry year IWR" if it is an irrigation or lawn and garden use and the diversion schedule is the 80% dry year net irrigation requirement (IWR, NRCS 2003).	☐ A	☐ F

(Before) POD ID				**(After) POD ID**			
☐ Diverted volume/# of Days ☐ 80% dry year IWR ☐ N/A				☐ Diverted volume/# of Days ☐ 80% dry year IWR ☐ N/A			
Month	**Diversions for Out-of-Pond Use Volume (AF)**	**Month**	**Diversions for Out-of-Pond Use Volume (AF)**	**Month**	**Diversions for Out-of-Pond Use Volume (AF)**	**Month**	**Diversions for Out-of-Pond Use Volume (AF)**
January		July		January		July	
February		August		February		August	
March		September		March		September	
April		October		April		October	
May		November		May		November	
June		December		June		December	

Extended Surface Water Depletion Analysis

83. Based on the preliminary net depletion data provided by the Department at this preapplication meeting, what are the hydraulically connected surface water sources before and after the proposed change? **Net depletion data provided by the Department at the preapplication meeting are preliminary and are subject to change during the technical analyses. If the source or location of net depletion data changes during the technical analyses, then the extended surface water depletion analysis will reflect the technical analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).* _____ _____ _____	☐ A	☐ F

84. If an extended surface water depletion analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect, do you elect to answer non-mandatory questions 157 to 161 to provide information required for this extended surface water depletion analysis?	☐ Y ☐ N	☐ F
a. If yes, go to question 156. This information will be used if an extended surface water depletion analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect.		
b. If no, did you elect in question 1 for the Department to conduct technical analyses?	☐ Y ☐ N	☐ F
i. If yes, do you elect for the Department to use publicly available water quantity data for the extended surface water depletion analysis? If this extended surface water depletion analysis is needed and sufficient publicly available water quantity data are not available, then the Department will not be able to conduct the extended surface water depletion analysis. You will still need to prove a lack of adverse effect from the proposed change.	☐ Y ☐ N	☐ F
ii. If no, you may still include the extended surface water depletion analysis with your technical analyses. The Department will include the extended analysis in its scientific credibility review of your technical analyses. You will still need to prove a lack of adverse effect from the proposed change.		

Return Flow Analysis

85. Do the purposes of the water rights proposed for change include irrigation?	☐ Y ☐ N	☐ F
a. If yes, does the proposed change include a change in place of use *and/or* a change in purpose? If you propose to retire acres in the historical place of use and/or add new acres outside the historical place of use, this constitutes a change in place of use.	☐ Y ☐ N	☐ F
i. If yes, a return flow analysis is required. Move on to answer question 86.		
ii. If no, this section is complete, and you may skip to question 94.		
86. Does the proposed change include a change in purpose?	☐ Y ☐ N	☐ F
a. If yes, consumptive use information is collected in the Change in Purpose section (questions 101 to 108), skip to question 87.		
b. If no, skip to question 87.		
87. Does the proposed change include a change in place of use? If yes, move on to question 88. If no, skip to question 91.	☐ Y ☐ N	☐ F

88. Submit a map showing the new, unchanged historical, and retired historical places of use. Create map on an aerial photograph or topographic map that shows the following: section corners, township and range, scale bar, and north arrow. If you have shapefiles associated with this map, in addition to submitting an image of the map, please submit electronic copies of the shapefiles to the Department.	☐ S	☐ F
89. How many acres, if any, will be retired from the historical place of use? _____		☐ F
90. Are irrigated acres proposed that are outside the historical place of use?	☐ Y ☐ N	☐ F
a. If yes,		
i. How many acres? _____		☐ F
ii. What is the proposed irrigation method type (e.g., flood or sprinkler) and subtype (e.g., level border, graded border, furrow, contour ditch, wild flood, center pivot, or wheel line) for the new acres? _____	☐ A	☐ F
iii. What is the slope (%) of the new place of use? _____		☐ F
iv. Based on question 90.a.ii to 90.a.iii, what is the percent efficiency of irrigation for the new acres? _____		☐ F
v. What is the County Management Factor for the new acres? _____		☐ F
vi. What is the ET based on the irrigation method and county for the new acres? _____		☐ F
vii. What percent of applied water are irrecoverable losses for new acres? _____		☐ F
91. Do you have information for the Department to consider about the source and location where return flows historically accrued?	☐ Y ☐ N	☐ F
a. If yes, submit this information to the Department.	☐ S	☐ F

Extended Return Flow Analysis

92. Based on the preliminary data provided by the Department at this preapplication meeting, to what surface water sources do return flows accrue before and after the proposed change? **Return flow data provided by the Department at the preapplication meeting are preliminary and are subject to change during technical analyses. If the source or location of return flow data changes during technical analyses, then the analysis of impacts to identified surface water rights will reflect the technical analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).* _____ _____	☐ A	☐ F
93. If an extended return flow analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect, do you elect to answer non-mandatory questions 149 to 155 to provide information required for this extended analysis?	☐ Y ☐ N	☐ F
a. If yes, go to question 149. This information will be used if an extended return flow analysis is necessary to analyze impacts to identified surface water rights for the purpose of evaluating adverse effect.		
b. If no, did you elect in question 1 for the Department to conduct technical analyses?	☐ Y ☐ N	☐ F
i. If yes, do you elect for the Department to use publicly available water quantity data for the extended return flow analysis? If the extended return flow analysis is needed and sufficient publicly available water quantity data are not available, then the Department will not be able to conduct the extended analysis. You will still have to prove a lack of adverse effect from the proposed change.	☐ Y ☐ N	☐ F
ii. If no, you may still include the extended return flow analysis with your technical analyses. The Department will include the extended analysis in its scientific credibility review of your technical analyses. You will still need to prove a lack of adverse effect from the proposed change.		

Mandatory Project-Specific Questions

The following questions are mandatory when applicable and must be filled out before the Preapplication Meeting Form is determined to be complete.

Temporary Change

Questions, Narrative Responses, and Tables	Check-boxes	Follow-Up
94. Does the proposal include a temporary change? *This includes proposing to add a place of use on State of Montana Trust Land, with all points of diversion on private land, because the change authorization will be temporary for the duration of the lease term.* If yes, answer the questions in this section (questions 95 to 100). If no, this section is complete; skip to question 100.	☐ Y ☐ N	☐ F
95. What elements of the water rights are being temporarily changed? _____		☐ F
96. For what purpose will the water rights be temporarily used? _____		☐ F
97. For how many years will the water rights be temporarily changed? _____		☐ F
98. Will the temporary change be intermittent over the years?	☐ Y ☐ N	☐ F
a. If yes, explain. _____	☐ A	☐ F
99. Is the quantity of water subject to the temporary change being made available from the development of a new water conservation or storage project?	☐ Y ☐ N	☐ F
a. If yes, explain the water conservation or storage project. _____ _____ _____	☐ A	☐ F
100. If you are answering Project-Specific Questions as they are referenced in Application Details, return to question 17 if you are proposing to add a place of use on State of Montana Trust Land and question 20.a.ii if you are proposing a temporary change that does not involve State of Montana Trust Land. If you are answering in consecutive order, go to question 101.		

Change in Purpose

101. Does the project involve a change in purpose? If yes, answer the questions in this section (questions 102 to 108). If no, this section is complete; skip to question 108.	☐ Y ☐ N	☐ F
102. Identify the new and unchanged purposes, flow rate (GPM or CFS), volume (AF), period of diversion, and period of use (MM/DD-MM/DD) for each purpose.	☐ A	☐ F

Purpose	**New or Unchanged?**	**Period of Diversion** *(MM/DD-MM/DD)*	**Period of Use** *(MM/DD-MM/DD)*	**Flow Rate** *Flow Rate*	*GPM*	*CFS*	**Volume** *(AF)*
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	
					☐	☐	
			Total		☐	☐	

103. Answer the questions specific to each new and unchanged purpose identified in question 102.							
Lawn and garden	Question 104	**Stock**	Question 105	**Domestic and multiple domestic**	Question 106	**Other purpose**	Question 107

104. Lawn and garden		
a. Will consumptive use be based on the standard of 2.5 acre-feet per acre or a calculated volume based on Irrigation Water Requirements for turf grass?	☐ Y ☐ N	☐ F
i. If yes, which standard? _____		☐ F
ii. If no, describe how consumptive use will be estimated. This must be based on expert analysis. _____ _____	☐ A	☐ F
105. Stock		
a. How many animal units will be served? _____		☐ F

106. Domestic and multiple domestic		
a. How many households will be served? _____		☐ F
b. Will the Department standard of 1 acre-foot per household be used to determine consumptive use?	☐ Y ☐ N	☐ F
i. If no, what standard will be used? _____	☐ A	☐ F
c. Will the proposed use include wastewater disposal and treatment?	☐ Y ☐ N	☐ F
i. If yes, which of the following best describes the wastewater disposal and treatment system? Individual drain fields, central treatment facility with minimal consumption, or evaporation basin or land application? _____		☐ F
107. Other purpose		
a. What is the other purpose (e.g., municipal, commercial)? _____		☐ F
b. What is the percentage of consumption for the proposed use? Please explain. _____ _____ _____	☐ A	☐ F
108. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 14 and if you are answering in consecutive order, go to question 109.		

Ditch-Specific Questions

Applications corroborating historical diverted volume with the Historical Use Addendum (Form 606-HUA) may be eligible to skip one or more questions in this section; see the Form 606-HUA for more information.

109. Does the historical use of water include at least one conveyance ditch? If yes, answer questions 110 to 111. If no, skip to question 112.	☐ Y ☐ N	☐ F
110. Submit a Historical Use Ditch Map that shows every ditch conveying water for the historical use of all water rights proposed for change. Label the ditch names, PODs, the POUs, and the ditch measurement locations (requested in question 111.d). The map should be created on a historical image or topographic map with the following: section corners, township and range, scale bar, and north arrow.	☐ S	☐ F

111. Answer question 111.a to 111.h one time for each historical conveyance ditch. If there is more than one historical conveyance ditch, use an "Additional Historical Ditch (606P)" sheet for each additional ditch.		
a. What is the ditch name? _____		☐ F
b. List the water rights proposed for change that were conveyed by the ditch. _____ _____		☐ F
c. What is the distance water was historically carried by the conveyance ditch? Only include segments between the POD and start of the POU; do not include segments within the POU. _____	☐ A	☐ F
d. Provide at least one set of ditch measurements, which include width (FT), depth (FT), and slope (%). Discuss ditch characteristics with DNRC to determine the minimum number of ditch measurements. Include the location of each measurement, labeled with the 2-digit measurement ID number, used on the map submitted for question 110.	☐ S	☐ F

ID #	Width (FT)	Depth (FT)	Slope (%)	Date of Measurement

e. What is a reasonable Manning's n value? List the factors used for estimation. If you do not know this value, please work through estimation with the Department. _____ _____	☐ A	☐ F
f. What type of soils compose the historical conveyance ditch? For lined ditches, write "lined" instead. _____ _____	☐ A	☐ F

g. Are other water rights conveyed by the historical conveyance ditch?	☐ Y ☐ N	☐ F
i. If yes,		
1. List the water right numbers and their flow rates. _____ _____ _____	☐ A	☐ F
2. What is the sum of the flow rates, including the water rights proposed for change? _____	☐ A	☐ F
3. Submit a map with your best estimate of the historical POUs for the other water rights conveyed by the historical conveyance ditch. Include only POUs between the historical POD and your historical POU. If you do not know this information, the Department can help you create the map. The map should be created on an aerial photograph or topographic map and show the following: section corners, township and range, scale bar, and north arrow.	☐ S	☐ F
h. Were any water rights proposed for change part of one historical water right that was split?	☐ Y ☐ N	☐ F
i. If yes, were all split water rights split in such a way to ensure each post-split water right could stand alone and not be reliant on the others for carriage water?	☐ Y ☐ N	☐ F
1. If no, do any of the water rights proposed for change have a carriage water requirement?	☐ Y ☐ N	☐ F
a. If yes,		
i. List the water rights with a carriage water requirement _____		☐ F
ii. Update your Historical Use Ditch Map (question 110) to label the ditch segments where a carriage water requirement exists for a water right proposed for change. Also, use your best estimate to label the POUs for all water rights included in the carriage water requirement. If you do not know this information, the Department can help you update the map.	☐ S	☐ F
112. Does the proposed use include at least one existing or new conveyance ditch? If yes, answer questions 113 to 114. If no, or if you answered these questions earlier in the preapplication meeting, this section is complete; skip to question 115.	☐ Y ☐ N	☐ F

113. Submit a Proposed Use Ditch Map that shows every ditch conveying the water rights proposed for change, including any unchanged portions. Label all unchanged and proposed PODs, all unchanged and proposed POUs, and additional ditch measurement locations (requested in question 114.e). The map should be created on an aerial photograph or topographic map with the following: section corners, township and range, scale bar, and north arrow.	☐ S	☐ F
114. Answer the questions 114.a to 114.i one time for each proposed use conveyance ditch. Use an "Additional Proposed Use Ditch (606P)" sheet for each additional ditch.		
a. What is the ditch name? _____		☐ F
b. Is this ditch a historical conveyance ditch detailed in questions 110 to 111?	☐ Y ☐ N	☐ F
i. If yes, have any of the following details changed, to the best of your knowledge, from historical conditions: ditch length, distance water conveyed, ditch lining, or water rights conveyed by the ditch?	☐ Y ☐ N	☐ F
1. If yes, answer questions 114.c to 114.i using current data.		
2. If no, do not answer questions 114.c to 114.i for this ditch because the information remains unchanged. Move on to the next proposed use conveyance ditch, or if none remain, skip to question 115.		
c. List the water rights proposed for change that are going to be conveyed by the ditch. _____		☐ F
d. What is the distance water will be carried by the conveyance ditch? Only include segments between the POD and start of the POU; do not include segments within the POU. _____ _____	☐ A	☐ F
e. Provide at least one set of ditch measurements, which include width (FT), depth (FT), and slope (%). Discuss ditch characteristics with DNRC to determine the minimum number of ditch measurements. Include the location of each measurement, labeled with the 2-digit measurement ID number, used on the map submitted for question 113.	☐ S	☐ F

ID #	Width (FT)	Depth (FT)	Slope (%)	Date of Measurement

f. What is a reasonable Manning's n value? List the factors used for estimation. If you do not know this value, please work through estimation with the Department. _____ _____	☐ A	☐ F
g. What type of soils compose the proposed conveyance ditch? For lined ditches, write "lined" instead. _____ _____	☐ A	☐ F
h. Are other water rights conveyed by the proposed conveyance ditch?	☐ Y ☐ N	☐ F
i. If yes,		
1. List the water right numbers and their flow rates. _____ _____ _____	☐ A	☐ F
2. What is the sum of the flow rates, including the water rights proposed for change? _____	☐ A	☐ F
3. Submit a map with your best estimate of the location of current POUs for the other water rights conveyed by the proposed conveyance ditch. Include only POUs between the POD and your proposed POU. If you do not know this information, the Department can help you create the map. The map should be created on an aerial photograph or topographic map and show the following: section corners, township and range, scale bar, and north arrow.	☐ S	☐ F
i. Were any water right(s) proposed for change identified as having a carriage water requirement in question 111.h.i.1.a.i?	☐ Y ☐ N	☐ F
i. If yes, update your Proposed Use Ditch Map (question 113) to label the ditch segments where a carriage water requirement exists for a water right proposed for change. Also, use your best estimate to label the POUs for all water rights included in the carriage water requirement. If you do not know this information, the Department can help you update the map.	☐ S	☐ F
115. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 15 and if you are answering in consecutive order, go to question 116.		

Change in Place of Storage

116. Does the project involve a change in place of storage? If yes, answer the questions in this section (questions 117 to 122) for each individual place of storage. Use an "Additional Place of Storage (606P)" sheet for additional places of storage. If no, this section is complete; skip to question 123.	☐ Y ☐ N	☐ F
117. Is this application to add a new place of storage or change an existing place of storage? _____		☐ F
a. If application is to change an existing place of storage, list the water rights that include the place of storage and a short description of the proposed change. _____ _____	☐ A	☐ F
118. Is the place of storage located on-stream?	☐ Y ☐ N	☐ F
a. If no, describe any losses related to conveyance that are not detailed in "Ditch-Specific Questions." _____ _____ _____	☐ A	
119. What is the proposed capacity of the place of storage? Use bathymetry data, survey, or engineering plans for capacity. Submit the data source used with this form. In lieu of these data sources, use the following equation: *Surface Acres x Maximum Depth (ft) x 0.5 = Capacity (AF)* _____	☐ S	☐ F
120. What is the proposed surface area of the place of storage? _____	☐ A	☐ F
121. What is the annual net evaporation of water from the place of storage based on the Department's gridded net evaporation layer? If you propose a different method, attach an explanation and justification of the method. _____	☐ A	☐ F
122. Will the place of storage be lined?	☐ Y ☐ N	☐ F
123. If you are answering Project-Specific Questions as they are referenced in Application Details, return to question 16 and if you are answering in consecutive order, go to question 109.		

Mitigation, Aquifer Recharge, and Marketing for Mitigation/Aquifer Recharge

124. Does your application include one of the following purposes? If no, this section is complete; skip to question 129.	☐ Y ☐ N	☐ F
a. Mitigation water. If yes, answer question 125 and 126.	☐ Y ☐ N	☐ F
b. Aquifer recharge water. If yes, answer question 125 and 127.	☐ Y ☐ N	☐ F
c. Marketing for mitigation/aquifer recharge. If yes, answer question 128.	☐ Y ☐ N	☐ F
125. Mitigation Water and Aquifer Recharge Water		
a. Identify the water right(s) for which the mitigation/aquifer recharge water will be used. _____	☐ A	☐ F
b. Identify the application or preapplication number where these water rights were identified as needing mitigation or aquifer recharge to meet the adverse effect criterion. _____	☐ A	☐ F
c. What is the timing, flow rate, and volume of net depletions identified as needing mitigation or aquifer recharge to meet the adverse effect criterion?	☐ A	☐ F

Month	**Days**	**Flow Rate**			**Volume**	**Month**	**Days**	**Flow Rate**			**Volume**
		Flow	*GPM*	*CFS*	*AF*			*Flow*	*GPM*	*CFS*	*AF*
January			☐	☐		July			☐	☐	
February			☐	☐		August			☐	☐	
March			☐	☐		September			☐	☐	
April			☐	☐		October			☐	☐	
May			☐	☐		November			☐	☐	
June			☐	☐		December			☐	☐	

d. Will other water contribute to the need for mitigation or aquifer recharge water? This may include water rights with a mitigation or aquifer recharge purpose, marketing for mitigation contracts, or mitigation water secured via other types of contracts.	☐ Y ☐ N	☐ F
i. If yes, describe the origin of this water and in the table below, list how much it will contribute. _____	☐ A	☐ F

Month	**Days**	**Flow Rate**			**Volume**	**Month**	**Days**	**Flow Rate**			**Volume**
		Flow	*GPM*	*CFS*	*AF*			*Flow*	*GPM*	*CFS*	*AF*
January			☐	☐		July			☐	☐	
February			☐	☐		August			☐	☐	
March			☐	☐		September			☐	☐	
April			☐	☐		October			☐	☐	
May			☐	☐		November			☐	☐	
June			☐	☐		December			☐	☐	

126. Mitigation Water		
a. What is legal land description (¼ ¼ ¼ section of start and end) and length (ft) of the mitigation reach? _____	☐ A	☐ F
b. By what means will mitigation water be made available? You must submit a copy of all relevant discharge permits at application submittal (§85-2-364, MCA). _____ _____ _____	☐ A	☐ F
127. Aquifer Recharge Water		
a. What is the legal land description (¼ ¼ ¼ section) of the start of net depletions for which the aquifer recharge water will be used? _____	☐ A	☐ F

	b. What is the volume of net depletions that will be offset by the aquifer recharge water? *The volume of aquifer recharge water injected may not equal the volume of net depletions.* _____	☐ A	☐ F
	c. Describe the method of aquifer recharge. Include, if available, a preliminary design. You must submit a copy of all relevant discharge permits at application submittal (§85-2-364, MCA). _____ _____ _____ _____	☐ A	☐ F
	d. Describe any constraints on the aquifer recharge schedule, such as priority date limitations. _____ _____	☐ A	☐ F
	e. What is the proposed area or location of aquifer recharge? *The location is subject to refinement during technical analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).* _____ _____ _____	☐ A	☐ F
128.	Marketing for Mitigation/Aquifer Recharge		
	a. What is the proposed location of the reach where water is to be marketed (¼ ¼ ¼ section of the start and the end of the reach)? _____	☐ A	☐ F
	b. Is this marketing for mitigation	☐ Y ☐ N	☐ F
	i. If yes, by what means will water be made available? _____ _____ _____ _____	☐ A	☐ F

c. Is this marketing for aquifer recharge?	☐ Y ☐ N	☐ F
i. If yes,		
1. Describe the method of aquifer recharge. Include, if available, a preliminary design. You must submit a copy of all relevant discharge permits at application submittal (§85-2-364, MCA). _____ _____ _____ _____	☐ A	☐ F
2. What is the volume of water that will be used for aquifer recharge? _____	☐ A	☐ F
3. Describe any constraints on the aquifer recharge schedule, such as priority date limitations. _____ _____	☐ A	☐ F
4. What is the proposed area or location of aquifer recharge? *The location is subject to refinement during technical analyses; this will not constitute a change of any element to the proposed application pursuant to ARM 36.12.1302(6)(a).* _____ _____ _____	☐ A	☐ F
d. Describe your ability to measure and operate all existing diversions to adjust flow rate as water is sold or leased. _____ _____ _____ _____	☐ A	☐ F

e. How will you cease diversions for the existing beneficial use as water is sold or leased? _____ _____ _____	☐ A	☐ F
129. If you are answering Project-Specific Questions as they are referenced in Application Details, return to question 25 and if you are answering in consecutive order, go to question 130.		

Instream Flow

130. Does the project involve an instream flow change? If yes, answer the questions in this section (questions 131 to 136). If no, this section is complete; skip to question 136.	☐ Y ☐ N	☐ F
131. What is the source name where streamflow will be maintained or enhanced? _____		☐ F
132. What is the location (¼ ¼ ¼ section of start and end of reach) and length (FT) of the protected reach? _____	☐ A	☐ F
133. Describe the way the streamflow is to be maintained or enhanced. _____ _____	☐ A	☐ F
134. Do you propose to retire all water use associated with the historical purposes throughout the entire period of use? This includes conveyance loss associated with historical ditches.	☐ Y ☐ N	☐ F
a. If no, describe the proposed change to existing purposes, including flow rate, volume, and, if applicable, acres. _____ _____ _____ _____	☐ A	☐ F
135. Do historical and proposed return flows accrete to the source of supply? The Department provides an initial estimate of the source(s) that historical and proposed returns flows accrete to at the preapplication meeting.	☐ Y ☐ N	☐ F

136. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 27 and if you are answering in consecutive order, go to question 137.		

Salvage Water

137. Does this project involve salvage water? Salvage water does not include destroying phreatophytes, removing vegetation, converting to a less consumptive crop, or converting to a partial irrigation schedule. If yes, answer the questions in this section (questions 138 to 141). If no, this section is complete; skip to question 141.	☐ Y ☐ N	☐ F
138. What water saving method was implemented? This may include lining an unlined ditch or canal, converting unlined ditch or canal to pipeline, converting high profile or high-pressure sprinklers to low pressure, and others. _____ _____	☐ A	☐ F
139. How much water was salvaged from implementation of the water saving method? Include flow rate (GPM or CFS) and volume (AF). _____		☐ F
140. How did you determine the amount of water salvaged? _____ _____ _____ _____	☐ A	☐ F
141. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 28 and if you are answering in consecutive order, go to question 142.		

Non-Mandatory Questions for Criteria Analysis

The following questions are not mandatory. They should be discussed in the Preapplication Meeting, but do not need to be filled out before the Preapplication Meeting Form is determined to be complete.

Adverse Effect

Questions, Narrative Responses, and Tables	Check-boxes
142. Describe your plan to ensure that existing water rights will be satisfied during times of water shortage.	☐ A
143. Explain how you can control your diversion in response to call being made.	☐ A
144. Are you aware of any calls that have been made on any source of supply or depleted surface water source?	☐ Y ☐ N
a. If yes, explain.	☐ A
145. Does a water commissioner distribute water or oversee water distribution on your proposed source or depleted surface water source?	☐ Y ☐ N
a. If yes, list the sources and explain.	☐ A
146. Describe how the change will or will not affect your ability to make call.	☐ A

147. When was the last time each water right proposed for change was appropriated and used beneficially? If there has been a period of nonuse, answer questions 147.a to 147.d. _____	
a. Why was the water right not used? _____ _____	☐ A
b. Why will a resumption of use not adversely affect other water users? _____ _____ _____	☐ A
c. Is the period of nonuse greater than 10 years for any of the water rights proposed for change? If yes, list which water rights. _____	☐ Y ☐ N
d. Have water rights been authorized to use the source during the period of nonuse for any of the water rights proposed for change? If yes, explain. _____ _____	☐ Y ☐ N
148. Is this a point of diversion change?	☐ Y ☐ N
a. If yes,	
i. Are the proposed points of diversion upstream or downstream of the historical points of diversion? _____	
ii. Are there intervening water users between the historical and proposed points of diversion?	☐ Y ☐ N
1. If yes, list the water rights. _____ _____	☐ A

iii. Will any new points of diversion or conveyance infrastructure be shared with one or more existing water rights?	☐ Y ☐ N
1. If yes, describe how capacity of the new shared point of diversion and/or conveyance infrastructure is sufficient for all water rights. _____ _____ _____	☐ A

Adverse Effect: Evaluation of Impacts to Identified Surface Water Rights for Return Flow Analysis

149. Respond to questions in this section if you elected in questions 65 or 93 to answer optional questions 150 to 154. Answer one time for each surface water source receiving return flows. Use "Additional Return Flow Source (606P)" sheet if there is more than one source. If you did not elect to answer these questions or answered these questions earlier in the preapplication meeting, this section is complete; skip to question 155.	
150. What is the surface water source for which you are answering questions 151 to 154? _____	
151. Are stream gage data available?	☐ Y ☐ N
a. If yes, answer question 152.	
b. If no, answer question 153.	
152. Stream gage data are available	
a. Is one stream gage located above, and one stream gage located below the location where return flows accrue?	☐ Y ☐ N
i. If no, is only one stream gage located near the location where return flows accrue?	☐ Y ☐ N
1. If yes, is the stream gage upstream or downstream? _____	
b. List the gage name(s). Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____	

c. What is the distance between the gage(s) and the location where return flows accrue? Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____	
d. Is there a limiting or controlling factor on the source between the stream gage(s) and the location where return flows accrue? This includes dams that control the flow and streams with large gaining and/or losing reaches.	☐ Y ☐ N
i. If yes, explain. _____ _____	☐ A
e. How long is the period of record? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____	
f. Who operates and maintains the gage(s)? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____	
g. Is each available stream gage operated and maintained by USGS or DNRC?	☐ Y ☐ N
i. If yes, skip to question 152.h.	
ii. If no, answer the following questions for each gage not operated and maintained by USGS or DNRC.	
1. How frequently are stage data recorded? Write "N/A" for Gage 2 if only one gage is not operated or maintained by USGS. Gage 1: _____ Gage 2: _____	
2. If data gaps were to occur, are they identified and left unfilled or estimated using interpolation, ice correction, or indirect discharge measurements methods?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N

3. Was the rating curve established and maintained throughout the duration of the period of record using measurements taken near the reference gage and stage recorder according to USGS protocols?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N
4. Were there requirements for maintaining a permanent gage datum and meeting specified accuracy limits?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N
h. Do the data for one or more available stream gages meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months when return flows accrue?	☐ Y ☐ N
i. If yes, record how many meet the standard, then skip to question 155 because this section is complete. _____	
ii. If no, answer question 153.	
153. If no gage data are available or if available gage data do not meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months when return flows accrue, is the source otherwise measured?	☐ Y ☐ N
a. If no, measurements may be necessary. The Department cannot deem the preapplication meeting form adequately completed until the Department receives gage data and/or measurements that meet the Department's measurement standards or, in combination with an approved request to deviate from the Department's standards, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria. Skip to question 154.	
b. If yes,	
i. Submit measurements to the Department.	☐ S
ii. Who collected the measurements? _____	☐ A

iii. With what method were the data collected? _____ _____	☐ A
iv. What is the period of record? _____	
v. What is the frequency of measurement? _____	
vi. Are there gaps in the data?	☐ Y ☐ N
1. If yes, what is the nature of the gaps and how are gaps handled to ensure data quality? _____ _____	☐ A
vii. Is there a process for maintaining the data and meeting specified accuracy limits?	☐ Y ☐ N
1. If yes, explain. _____ _____	
viii. Do available measurement data meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months when return flows accrue?	☐ Y ☐ N
1. If yes, this section is complete. Skip to question 155.	
2. If no, answer question 154.	
154. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	☐ Y ☐ N
a. If yes,	
i. Describe how the measurements are representative of high, moderate, and low flows. _____ _____ _____	☐ A

ii. Describe the estimation technique. _____ _____ _____ _____ _____	☐ A
b. If no, but a Department-accepted estimation technique will be appropriate for the source receiving return flows:	
i. Will measurements be collected prior to submission of a completed Form 606P-B that meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	☐ Y ☐ N
1. If yes,	
a. With what method will the data be collected? _____ _____	☐ A
b. What will be the interval of measurement? _____	
c. Describe the proposed estimation technique. _____ _____ _____ _____	☐A
2. If no, do you plan on requesting to deviate from the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique? Neither the Department's technical analyses nor scientific credibility review of your technical analyses can commence until the Department receives measurements that meet Department measurement standards, or in combination with an approved request for variance from these standards, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	☐ Y ☐ N

c. If no, because no Department-accepted estimation technique will be appropriate for the source receiving return flows:	
i. Describe why no Department-accepted estimation technique is appropriate for the source characteristics. _____ _____ _____	☐ A
ii. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard for monthly measurements throughout the months when return flows accrue?	☐ Y ☐ N
1. If no, will measurements be collected prior to submission of a completed Form 606P that meet the Department's standard of monthly measurements throughout the months when return flows accrue?	☐ Y ☐ N
a. If yes, with what method will the data be collected? _____ _____	☐ A
b. If no, do you plan on requesting a variance to deviate from the Department's standard for monthly measurements throughout the months when return flows accrue? The Department's technical analyses or scientific credibility review of your technical analyses cannot commence until the Department receives measurements that meet Department measurement standards, or in combination with a request for a variance from these standards are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	☐ Y ☐ N
155. If you went straight to this section when referenced, go back to question 65 for surface water changes and question 93 for groundwater changes. If you waited to answer in consecutive order and have completed all prior sections, move to question 156.	

Adverse Effect: Evaluation of Impacts to Identified Water Rights for Surface Water Depletion Analysis

156. Respond to questions in this section if you elected in question 84 to answer optional questions 157 to 161. Answer one time for each hydraulically connected source. Use "Additional Hydraulically Connected Source (606P)" sheet if there is more than one source. If you did not elect to answer these questions or answered these questions earlier in the preapplication meeting, this section is complete; skip to question 162.	

157. What is the surface water source for which you are answering questions 158 to 161? _____	
158. Are stream gage data available?	☐ Y ☐ N
a. If yes, answer question 159.	
b. If no, answer question 160.	
159. Stream gage data are available	
a. Is one stream gage located above and one stream gage located below the point of net depletion accumulation?	☐ Y ☐ N
i. If no, is only one stream gage located near the point of net depletion accumulation?	☐ Y ☐ N
1. If yes, is the stream gage upstream or downstream? _____	
b. List the gage name(s). Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____	
c. What is the distance between the gage(s) and the point of net depletion accumulation? Write "N/A" for Gage 2 if one gage available. Gage 1: _____ Gage 2: _____	
d. Is there a limiting or controlling factor on the source between the stream gage(s) and the point where net depletions accrue? This includes dams that control the flow and streams with large gaining and/or losing reaches.	☐ Y ☐ N
i. If yes, explain. _____ _____	☐ A
e. How long is the period of record? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____	

f. Who operates and maintains the gage(s)? Write "N/A" for Gage 2 if one gage is available. Gage 1: _____ Gage 2: _____	
g. Is each available stream gage operated and maintained by USGS or DNRC?	☐ Y ☐ N
i. If yes, skip to question 159.h.	
ii. If no, answer the following questions for each gage not operated and maintained by USGS or DNRC.	
1. How frequently are stage data recorded? Write "N/A" for Gage 2 if only one gage is not operated or maintained by USGS. Gage 1: _____ Gage 2: _____	
2. If data gaps were to occur, are they identified and left unfilled or estimated using interpolation, ice correction, or indirect discharge measurements methods?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N
3. Was the rating curve established and maintained throughout the duration of the period of record using measurements taken near the reference gage and stage recorder according to USGS protocols?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N
4. Were there requirements for maintaining a permanent gage datum and meeting specified accuracy limits?	☐ Y ☐ N
a. Gage 1.	☐ Y ☐ N
b. Gage 2. Write "N/A" on the line instead of answering yes or no, if only one gage is not operated or maintained by USGS or DNRC. _____	☐ Y ☐ N

h. Do the data for one or more available stream gages meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions?	☐ Y ☐ N
i. If yes, record how many meet the standard, then skip to question 162 because this section is complete. _____	
ii. If no, answer question 160.	
160. If no gage data are available or if available gage data do not meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions, is the source otherwise measured?	☐ Y ☐ N
a. If no, measurements may be necessary. The Department cannot deem the preapplication meeting form adequately completed until the Department receives gage data and/or measurements that meet the Department's measurement standards or, in combination with an approved request to deviate from the Department's standards, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria. Skip to question 161.	
b. If yes,	
i. Submit measurements to the Department.	☐ S
ii. Who collected the measurements? _____	☐ A
iii. With what method were the data collected? _____ _____	☐ A
iv. What is the period of record? _____	
v. What is the frequency of measurement? _____	
vi. Are there gaps in the data?	☐ Y ☐ N
1. If yes, what is the nature of the gaps and how are gaps handled to ensure data quality? _____ _____	☐ A

vii. Is there a process for maintaining the data and meeting specified accuracy limits?	☐ Y ☐ N
1. If yes, explain. _____ _____	
viii. Do available measurement data meet the Department's standard to be sufficient to calculate the median of the mean monthly flow rate and volume during the months with net depletions?	☐ Y ☐ N
1. If yes, this section is complete. Skip to question 162.	
2. If no, answer question 161.	
161. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	☐ Y ☐ N
a. If yes,	
i. Describe how the measurements are representative of high, moderate, and low flows. _____ _____ _____	☐ A
ii. Describe the estimation technique. _____ _____ _____ _____ _____	☐ A
b. If no, but a Department-accepted estimation technique will be appropriate for the hydraulically connected source:	
i. Will measurements be collected prior to submission of a completed Form 606P-B that meet the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique?	☐ Y ☐ N
1. If yes,	
a. With what method will the data be collected? _____ _____	☐ A

b. What will be the interval of measurement? _____	
c. Describe the proposed estimation technique. _____ _____ _____ _____	☐ A
2. If no, do you plan on requesting to deviate from the Department's standard of including a minimum of high, moderate, and low flows to be sufficient to use for calibration of a Department-accepted estimation technique? The Department's technical analyses or scientific credibility review of your technical analyses cannot commence until the Department receives measurements that meet Department measurement standards, or in combination with a request to deviate, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	☐ Y ☐ N
c. If no, because no Department-accepted estimation technique will be appropriate for the hydraulically connected source:	
i. Describe why no Department-accepted estimation technique is appropriate for the source characteristics. _____ _____ _____	☐ A
ii. Do the available measurement data, gage and/or otherwise measured, meet the Department's standard for monthly measurements throughout the months with net depletions?	☐ Y ☐ N
1. If no, will measurements be collected prior to submission of a completed Form 606P that meet the Department's standard of monthly measurements throughout the months with net depletions?	☐ Y ☐ N
a. If yes, with what method will the data be collected? _____ _____	☐ A

b. If no, do you plan on requesting to deviate from the Department's standard for monthly measurements throughout the months with net depletions? The Department's technical analyses or scientific credibility review of your technical analyses cannot commence until the Department receives measurements that meet Department measurement standards, or in combination with a to deviate, are sufficient to complete any necessary technical analyses or scientific credibility reviews and to evaluate the applicable criteria.	☐ Y ☐ N
162. If you went straight to this section when referenced, go back to question 84. If you waited to answer in consecutive order and have completed all prior sections, move to question 163.	

Adequate Means of Diversion and Operation

163. Submit a diagram of how you will operate your system from the point of diversion to the place of use.	☐ S
164. Describe specific information about the capacity of the diversionary structure(s). This may include, where applicable: pump curves and total dynamic head calculations, headgate design specifications, and dike or dam height and length.	☐ A
165. Describe the size, materials, capacity, and configuration of infrastructure to convey water from point of diversion to place of use.	☐ A
166. Does the proposed conveyance require easements?	☐ Y ☐ N
a. If yes, explain.	☐ A
167. Do you propose to add a point of diversion?	☐ Y ☐ N
a. If yes, do you own the land where all proposed points of diversion are located?	☐ Y ☐ N
i. If no, documentation to show you have the right to use all points of diversion located on each property you do not own will be required upon application submittal. This may include, but is not limited to, a well agreement, an easement, or permission of the party that owns the property where the proposed point(s) of diversion are located.	

168. Describe your plan of operations, including specific information about how water is delivered within the place of use. This may include, where applicable, the range of flow rates needed for a pivot. _____ _____ _____	☐ A
169. Do you have any plans to measure your diversion and use?	☐ Y ☐ N
a. If yes, describe the plan and the type of measurements you will take. _____ _____	☐ A

Beneficial Use

170. Does the Department have a standard for any of the purposes for which water is used? Department standards can be found in ARM 36.12.112 and ARM 36.12.115.	☐ Y ☐ N
a. If yes, list the purposes for which the Department has a standard and note whether the water use falls within or outside the standard. _____ _____	
171. If no standard exists for any proposed purpose or if any proposed purpose falls outside of Department standards, explain how the use is reasonable for that purpose. _____ _____ _____ _____	☐ A
172. Will your proposed project be subject to DEQ requirements for a public water supply (PWS) system or Certificate of Subdivision Approval (COSA)?	☐ Y ☐ N
a. If yes, have you researched or consulted with DEQ regarding those requirements?	☐ Y ☐ N
173. Are you proposing to use surface water for in-house domestic use?	☐ Y ☐ N
a. If yes, does a COSA exist for the proposed place of use?	☐ Y ☐ N
i. If yes, please submit the COSA.	☐ S
ii. If no, have you researched or consulted with DEQ regarding their requirements?	☐ Y ☐ N

Possessory Interest

174. Do you meet one of the exceptions to possessory interest requirements, pursuant to ARM 36.12.1802? Exceptions include cases where the application is for sale, rental, distribution, or is a municipal use, or in any other context in which water is being supplied to another and it is clear that the ultimate user will not accept the supply without consenting to the use of water on the user's place of use.	☐ Y ☐ N
a. If yes, explain. _____ _____ _____ _____	☐ A
b. If no, do you own all proposed places of use?	☐ Y ☐ N
i. If no, explain. Documentation that shows you either have possessory interest or written permission of the parties with possessory interest of the place of use will be required at application submittal. _____ _____ _____	☐ A

Non-Mandatory Project-Specific Questions

Change in Place of Storage

175. Does the project include one or more places of storage? If yes, answer questions 176 to 178 for each individual place of storage (use "Additional Place of Storage (606P)" sheet for additional places of storage). A Change Storage Addendum (606-SA) will be required at application submittal. If no, this section is complete; skip to question 179.	
176. Are preliminary designs available? Preliminary designs will be required at application submittal.	☐ Y ☐ N
a. If yes, submit preliminary designs.	☐ S
177. Will a drainage device be installed?	☐ Y ☐ N
178. Is the place of storage capacity calculated to be greater than 50 acre-feet?	☐ Y ☐ N
a. If yes, have you made an application to the DNRC Water Operations Bureau for a determination of whether the dam or reservoir is a high-hazard dam?	☐ Y ☐ N

179. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 16 and if you are answering in consecutive order, go to question 180.	

Instream Flow Change

180. You may respond to the questions in this section if the project involves an instream flow purpose and you choose to answer the non-mandatory questions. Otherwise, this section is complete, skip to question 184.	
181. Does the protected reach begin at the existing point of diversion?	☐ Y ☐ N
a. If no, does the protected reach begin upstream of or downstream from the existing point of diversion? _____	
182. Provide initial details about a streamflow measuring plan, which include the points where measurements occur, the interval of measurement, and the methods and equipment used. A complete streamflow measuring plan will be required for the application. _____ _____ _____ _____ _____ _____	☐ A
183. Provide initial details about an operation plan, which may include the proposed protected flow rate (GPM or CFS), proposed protected volume (AF), and the proposed protected period. If you propose a trigger flow, please explain. A complete operation plan, based on the technical analyses, will be required for the application. _____ _____ _____ _____	☐ A
184. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 27 and if you are answering in consecutive order, go to question 185.	

Mitigation, Aquifer Recharge, and Marketing for Mitigation

185. You may respond to the questions in this section if the project involves mitigation, aquifer recharge, or marketing for mitigation, and you choose to answer the non-mandatory questions. Otherwise, this section is complete, skip to question 190. For mitigation water, answer questions 186, 187, and 188. For aquifer recharge water, answer questions 187 and 188. For marketing for mitigation/aquifer recharge, answer question 189.	
186. Do the water rights proposed for change to mitigation water have a period of use that is greater than or equal to the period when mitigation is necessary?	☐ Y ☐ N
a. If no, how will mitigation water be made available during the entire period when mitigation is necessary? _____ _____ _____	☐ A
187. How do the priority dates of the water rights proposed for change compare to other water rights on the source? _____ _____	☐ A
188. Do you have measurement records or Water Commissioner records that show the reliability of the water rights proposed for change to a mitigation water or aquifer recharge purpose?	☐ Y ☐ N
a. If yes, submit them to the Department.	☐ S
189. Describe the need for marketing for mitigation/aquifer recharge. _____ _____ _____ _____	☐ A
190. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 25 and if you are answering in consecutive order, go to question 191.	

Water Marketing

191. You may respond to the questions in this section if the project includes the water marketing purpose, and you choose to answer the non-mandatory questions. This does not include marketing for mitigation. Otherwise, this section is complete, skip to question 195.	☐ Y ☐ N

192. How will you control or limit access to the water? _____ _____	☐ A
193. Do you have contracts for the entire volume and flow rate sought?	☐ Y ☐ N
194. Submit a service area map. Create map on an aerial photograph or topographic map and show the following: general service area boundary, section corners, township and range, scale bar, and north arrow.	☐ S
195. If you are answering Project Specific Questions as they are referenced in Application Details, return to question 26 and if you are answering in consecutive order, go to Follow-Up section.	

FOLLOW-UP

The table below will identify all questions marked for follow-up. Applicant follow-up will be submitted with the completed Preapplication Meeting Form: Part B (Form 606P-B). Applicant will provide all responses to questions marked for follow-up on a separate document entitled "Follow-up Responses." At the preapplication meeting, the Department may offer to provide the Applicant with information pertinent to identified follow-up. In this case, record in the notes column what information the Department will provide and the date by which the Department will email this information to the Applicant. This information will supplement but not replace Applicant follow-up. It is the responsibility of the Applicant to provide all follow-up, including questions supplemented by Department information, in the "Follow-up Responses" document.

The "Follow-up Responses" document must conform to the following standards. Label all responses with the question number. Answer questions in the same format as the form. For responses in the form of checkboxes, write "Y", "N", "S". Constrain narrative responses to the specific question as is asked on the form; do not respond to multiple questions in one narrative. Label units in narrative responses and tables. Tables must have the exact headings found on the form. Questions that require items to be submitted to the Department may be marked "S" when the required item is attached to the Preapplication Meeting Form. Label all submitted items with the question number for which they were submitted.

***The Applicant may not alter the Preapplication Meeting Form: Part A (Form 606P-A) signed at the Preapplication Meeting**. Instead, the Applicant must use the Amended Responses procedure defined in Form 606P-B. Do not include additional information for questions that were not marked for follow-up on this table; instead include any additional information pursuant to the process for amending responses defined in Form 606P-B.*

QUESTION #	NOTES

PREAPPLICATION MEETING AFFIDAVIT & CERTIFICATION

"We attest that the information on this form accurately describes the proposed project discussed during the preapplication meeting and that the items marked for follow-up will require the applicant to provide additional information before the form is deemed complete."

"Applicant acknowledges that any information provided by the Department during the preapplication meeting is preliminary and subject to change."

"Applicant acknowledges that if the follow-up information provided to the Department substantially changes the proposed project, for example in a way that alters which sections of the form are applicable or which technical analyses are required, or who is to complete the technical analyses, the applicant will need to schedule a new preapplication meeting so that the Department can identify any additional information necessary for completion of the technical analyses (ARM 36.12.1302(3)(c))."

Upon Department receipt of the completed form (within 180 days following the meeting), the Department reserves five business days to return the form to the applicant if:

1 – the completed form does not include all necessary follow-up information identified in the meeting, OR
2 – the completed form is not adequate for the Department to proceed with technical analyses, OR
3 – the applicant has elected to complete technical analyses and has not submitted each piece of technical analysis required, OR
4 – the applicant has substantially changed the details of the proposed project, such as in a way that alters which sections of the form are applicable, which technical analyses are required, or who is to complete the technical analyses.

If the Department returns the form to the Applicant within these five days due to reasons 1-3 above, the Applicant can use the balance of their 180-day period in ARM 36.12.1302(4) or (5) to gather the remaining follow-up information needed. If there is no time remaining in the 180-day period, the Applicant can submit a written request for a new preapplication meeting, pursuant to ARM 36.12.1302(2). Even if there is still time remaining, the Applicant can choose to schedule a new preapplication meeting. The Department shall transfer the $500 payment received to the new preapplication meeting, or refund the payment to the Applicant if the Applicant desires. If the Department returns the form to the Applicant within these five days due to reason (4) above, the Applicant must submit a written request for a new preapplication meeting, pursuant to ARM 36.12.1302(2). The Department shall transfer the $500 payment received to the new preapplication meeting, or refund the payment to the Applicant if the Applicant desires.

Applicant Signature Date

Applicant Signature Date

Department Signature Date