



APPLICATION TO CHANGE A WATER RIGHT
ADDITIONAL WATER RIGHT HISTORICAL USE SHEET (606P)
§ 85-2-402, MCA

Answer every question and applicable follow-up questions. Use the checkboxes to denote yes ("Y") or no ("N"). Questions that require items to be submitted to the Department have a submitted ("S") checkbox, which is marked when the required item is attached to the 606P-Preapplication Meeting Form: Part A. 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 on this form must be marked. Label all units in narrative responses and tables. Label all attachments and submitted items with the question number.

Use one sheet per water right.

What additional water right is the sheet for? _____

Assign a three-character identifier for the water right (for example, "SC1" or "GC3"): _____

When referencing question numbers in attachments, submittals, follow-ups, and amended responses, use the following format:

- Question number - three-character identifier. For example, "38.a-SC1" or "38.a-GC3".

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?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
38. Are you proposing to change all water rights associated with the historical place of use?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.	<input type="checkbox"/> A	<input type="checkbox"/> 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?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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. _____	<input type="checkbox"/> S	<input type="checkbox"/> F
b. Irrigation		
i. Is the water right being changed a Statement of Claim?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If yes, does the Water Resources Survey corroborate the acres irrigated listed on the abstract?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.	<input type="checkbox"/> S	<input type="checkbox"/> F



2. If no, submit one or more aerial photographs that can corroborate the historical place of use, including the number of irrigated acres.	<input type="checkbox"/> S	<input type="checkbox"/> F
c. Lawn and garden		
i. Submit aerial photographs that can corroborate the historical place of use, including the number of irrigated acres.	<input type="checkbox"/> S	<input type="checkbox"/> F
d. Stock		
i. Submit aerial photographs, grazing records, or other records to corroborate the historical place of use.	<input type="checkbox"/> S	<input type="checkbox"/> F
ii. Did the stock drink direct from source or direct from ditch?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
1. If no, submit data sources that make clear the location of the stock watering infrastructure.	<input type="checkbox"/> S	<input type="checkbox"/> 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.	<input type="checkbox"/> S	<input type="checkbox"/> 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 of the Change Preapplication Meeting Form).			<input type="checkbox"/> A	<input type="checkbox"/> F
POD ID	Means	Location (¼ ¼ ¼ Section)	Proposed for Change?	
			<input type="checkbox"/> Y <input type="checkbox"/> N	
			<input type="checkbox"/> Y <input type="checkbox"/> N	
			<input type="checkbox"/> Y <input type="checkbox"/> N	
			<input type="checkbox"/> Y <input type="checkbox"/> N	
41. Do the legal land descriptions from the abstract encompass the actual locations of all historical points of diversion?			<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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. _____			<input type="checkbox"/> S	<input type="checkbox"/> 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 of the Change Preapplication Meeting Form).		<input type="checkbox"/> A	<input type="checkbox"/> F

POD ID	Dimensions	Slope	Material	Estimated Capacity			Method
	FT	%		Cap.	GPM	CFS	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	
					<input type="checkbox"/>	<input type="checkbox"/>	

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 of the Change Preapplication Meeting Form).		<input type="checkbox"/> A	<input type="checkbox"/> F

POD ID	Estimated Capacity			Method
	Cap.	GPM	CFS	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	
		<input type="checkbox"/>	<input type="checkbox"/>	



c. Well, pit, or other groundwater point of diversion				<input type="checkbox"/> A	<input type="checkbox"/> F
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 of the Change Preapplication Meeting Form).					

POD ID	Estimated Capacity			Method
	Cap.	GPM	CFS	
	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		
	<input type="checkbox"/>	<input type="checkbox"/>		

43. Do other water rights share any of the points of diversion?				<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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 of the Change Preapplication Meeting Form).				<input type="checkbox"/> A	<input type="checkbox"/> F

POD ID	Water Right No.	Flow Rate			Relationship
		Flow	GPM	CFS	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

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?				<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If no,					
i. Why are they different?				<input type="checkbox"/> A	<input type="checkbox"/> F

ii. Is there a place of storage?				<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F



45. When was water diverted for the purposes of the water rights being changed?		<input type="checkbox"/> A	<input type="checkbox"/> 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?		<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, does the period of diversion for all purposes fall within Department standards?		<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.		<input type="checkbox"/> A	<input type="checkbox"/> 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. Applications corroborating historical diverted volume with the Historical Use Addendum (Form 606-HUA) may be eligible to skip all of or parts of this question; see the Form 606-HUA for more information			
a. Irrigation			
i. Do you want ARM 36.12.1902(10) to be used to calculate historical diverted volume?		<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.		<input type="checkbox"/> S	<input type="checkbox"/> F
ii. What were the crop(s) grown?			<input type="checkbox"/> F



<p>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.</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
b. Non-irrigation		
<p>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.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>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 of the Change Preapplication Meeting Form) will gather information necessary for estimating losses from conveyance ditches.</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F
<p>iii. Did historical diversions serve more than one non-irrigation purpose?</p>	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
<p>1. If yes, how much of the diversions served each non-irrigation purpose and how did you determine this?</p> <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p>	<input type="checkbox"/> A	<input type="checkbox"/> F



48. Did diversions ever regularly cease within the period of use due to insufficient water in source or calls based on priority date?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes, please explain. <hr/> <hr/> <hr/>	<input type="checkbox"/> A	<input type="checkbox"/> 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. <i>Applications corroborating historical consumed volume with the Historical Use Addendum (Form 606-HUA) may be eligible to skip all of or parts of the following questions; see the Form 606-HUA for more information.</i> <input type="checkbox"/> Irrigation. Answer question 50. <input type="checkbox"/> Lawn and garden. Answer question 51. <input type="checkbox"/> Stock. Answer question 52. <input type="checkbox"/> Domestic and multiple domestic. Answer question 53. <input type="checkbox"/> Municipal. Answer question 54. <input type="checkbox"/> Other. Answer question 55.		
---	--	--



50. Irrigation		
a. Will you use Department standards for historical consumptive use as defined in ARM 36.12.1902?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no,		
1. What method will you use to determine historical consumptive use? _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> 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.	<input type="checkbox"/> S	<input type="checkbox"/> 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. _____	<input type="checkbox"/> A	<input type="checkbox"/> F
2. What was the slope (%) of the historical place of use? _____		<input type="checkbox"/> F
3. Are there any factors beyond irrigation method type/subtype and place of use slope that may influence percent efficiency of irrigation?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.	<input type="checkbox"/> S	<input type="checkbox"/> F
4. Based on answers to the above questions, what is the percent efficiency of irrigation? _____		<input type="checkbox"/> F
5. What is the County Management Factor? _____		<input type="checkbox"/> F
6. What is evapotranspiration (ET) based on the irrigation method and county? _____		<input type="checkbox"/> F
7. What percent of applied water are irrecoverable losses per ARM 36.12.1902(17)? _____		<input type="checkbox"/> F



8. Do other water rights supplement or overlap the historical place of use that contribute to the irrigation water demand?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
a. If yes,		
i. How were the water rights operated to serve the irrigation purpose?	<input type="checkbox"/> A	<input type="checkbox"/> F

ii. For each supplemental or overlapping water right, please list the average period of diversion and use (MM/DD-MM/DD), flow rate (GPM or CFS), and the volume of water (AF) contributed to the total irrigation water demand.	<input type="checkbox"/> A	<input type="checkbox"/> F

Water Right No.	Avg. Period of Diversion	Avg. Period of Use	Flow Rate			Volume Contributed
	MM/DD-MM/DD	MM/DD-MM/DD	Flow	GPM	CFS	AF
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	
				<input type="checkbox"/>	<input type="checkbox"/>	

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.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If yes, which standard?		<input type="checkbox"/> F

ii. If no, please provide an estimate of historical water use based on expert analysis and methods used to determine this estimate.	<input type="checkbox"/> A	<input type="checkbox"/> 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. _____	<input type="checkbox"/> A	<input type="checkbox"/> F
b. How many animal units were historically served? _____		<input type="checkbox"/> F
c. Did these animal units rely entirely on the water right(s) proposed for change for their full water demand?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, explain. _____ _____	<input type="checkbox"/> A	<input type="checkbox"/> F
53. Domestic and multiple domestic		
a. How many households were served? _____		<input type="checkbox"/> 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.	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> F
i. If no, what standard will be used? _____		<input type="checkbox"/> F
c. Did the historical use include wastewater disposal and treatment?	<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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? _____	<input type="checkbox"/> A	<input type="checkbox"/> F
54. Municipal		
a. What is the volume of water (AF) historically consumed for municipal purposes? _____		<input type="checkbox"/> 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.	<input type="checkbox"/> S	<input type="checkbox"/> F



55. Other		
a. Specify the other purposes. _____		<input type="checkbox"/> F
b. What is the volume of water (AF) historically consumed for other purposes? _____		<input type="checkbox"/> F
c. Submit evidence to support the volume of water historically consumed.	<input type="checkbox"/> S	<input type="checkbox"/> 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)).				<input type="checkbox"/> Y <input type="checkbox"/> N	<input type="checkbox"/> 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.				<input type="checkbox"/> A	<input type="checkbox"/> F
ID	Surface Area (AC)	Capacity (AF)	Annual Net Evaporation (FT/YR)	# of Annual Fillings	

