



APPLICATION TO CHANGE A WATER RIGHT
TECHNICAL ANALYSES ADDENDUM
ADDITIONAL HISTORICAL DITCH SHEET (606-TAA)
§ 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 Technical Analyses Addendum. Label all submitted items with the question number for which they were submitted. 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. Attachments are not required, but, 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 units in narrative responses and tables.

Use one sheet per additional historical ditch.

What historic ditch is the sheet for (enter ditch name/ identifier)?

Assign a three-character identifier for the historic ditch (for example "Yel" or "457"): _____

When referencing question numbers in attachments and submittals, use the following format:

- Question number - three-character identifier. For example, "92.c-Yel" or "92.c-457".

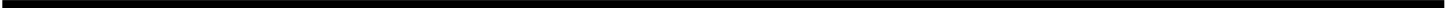


Table with 2 columns: Question text and checkbox. Row 1: 92. Answer questions 92.a to 92.h one time for each historical conveyance ditch. If there is more than one historical conveyance ditch, use an "Additional Historical Ditch (606-TAA)" sheet for each additional ditch. Row 2: a. What is the ditch name? Row 3: b. List the water rights proposed for change that were conveyed by the ditch. Row 4: 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.



d. Provide at least one set of ditch measurements, which include width (FT), depth (FT), and slope (%). Include the location of each measurement, labeled with the 2-digit measurement ID number, used on the map submitted for question 91 of Form 606-TAA. A

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

e. What is a reasonable Manning’s n value? List the factors used for estimation. A

f. What type of soils compose the historical conveyance ditch? For lined ditches, write “lined” instead. A

g. Are other water rights conveyed by the historical conveyance ditch? Y N

i. If yes,

1. List the water right numbers and their flow rates. A

2. What is the sum of the flow rates, including the water rights proposed for change? A

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. 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. If you elected for the Department to conduct technical analyses, write “N/A” instead if you agree with the Department using publicly available data to create the map. S



h. Were any water rights proposed for change part of one historical water right that was split?	<input type="checkbox"/> Y <input type="checkbox"/> N
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?	<input type="checkbox"/> Y <input type="checkbox"/> N
1. If no, do any of the water rights proposed for change have a carriage water requirement?	<input type="checkbox"/> Y <input type="checkbox"/> N
a. If yes,	
i. List the water rights with a carriage water requirement. _____ _____	<input type="checkbox"/> A
ii. Update your Historical Use Ditch Map (question 91) 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.	<input type="checkbox"/> S

