

**Colorado-Big Thompson Project Water Tracking
Accounting Procedures
(Effective Date: July 12, 2018)**

1. Accounting Requirements for Storage of C-BT Project Water – The information in Section 1 of these Procedures shall be provided to Northern Water if untreated C-BT Project water is stored longer than 72 hours in a reservoir that has a decreed storage right. The accounting shall be submitted as required in Section 5 of these Procedures.
 - 1.1. The daily amount of C-BT Project water delivered to each reservoir, including the diversion location and place of storage.
 - 1.2. The daily amount of C-BT Project water lost from each reservoir due to combined evaporation and seepage. The methodology used to estimate these values must be acceptable to Northern Water. If requested, Northern Water may assist in developing an acceptable methodology. A disproportionately high percentage of evaporation or seepage from reservoirs may not be assumed to be C-BT Project water. For example, if 20 percent of the total water stored on a given day is C-BT Project water, not more than 20 percent of the evaporation or seepage can be assumed to be C-BT Project water on that day.
 - 1.3. The daily amount of C-BT Project water delivered from each reservoir, and the location where the released C-BT Project water is beneficially used, including the location of any point(s) of re-diversion if released from storage to the stream or if used as part of an exchange.
 - 1.4. End of day storage of C-BT Project water in each reservoir.
2. Accounting Requirements for Delivery and Exchange of C-BT Project Water – When ordering delivery of C-BT Project water to the river, the Account Entity shall provide to Northern Water the location where the water will be diverted directly or by exchange from the river. Examples of C-BT Project water exchanges, as defined in the Rule, are attached to these Procedures. If an exchange results in the storage of C-BT Project water (see Exchange Example 2, 3, and 4), then the provisions in Section 1 of these Procedures shall apply.
3. Accounting Requirements for Municipal/Industrial Use of C-BT Project Water – A Utility that supplies treated C-BT Project water for municipal, domestic, commercial, or industrial use shall provide the information in Section 3.1 of these Procedures to Northern Water using criteria described in Section 3.2 and 3.3. The accounting shall be submitted as required in Section 5 of these Procedures.

3.1. The Utility must document:

3.1.1. The total amount of treated C-BT Project water delivered into the service area of that Utility's wastewater treatment plant service area.

3.1.2. If the wastewater from the C-BT Project water provided by the Utility is treated by a different Utility, the total amount of treated C-BT Project water delivered into the service area of each Utility treating wastewater and into areas served by on-lot individual wastewater treatment systems. Northern Water will work to obtain information on different Utilities' wastewater service areas if this information is not readily available to the Utility providing treated water. If daily meter measurements of flows into service areas are not available, Northern Water may approve another method of determining daily deliveries into service areas. For example, Northern Water may approve the Utility prorating total daily delivery values into each service area using weekly or monthly meter readings of customers in each service area.

3.2. A Utility must assume the same percentage loss of C-BT Project water and Non-C-BT Project water in treatment, conveyance, and delivery of treated water.

3.3. The following water accounting requirements for treated C-BT Project water use and return flows will apply when Non-CBT Project water is commingled and delivered with C-BT Project water through the same delivery infrastructure on the same day:

3.3.1. A Utility may account for delivery of a different percentage of C-BT Project water and Non-C-BT Project water in order to deliver:

- an Allottee's C-BT Project water back to the Allottee through a master meter after treatment,
- Non-C-BT Project water to customers outside the boundaries of Northern Water,
- Non-C-BT Project water for a use that is prohibited for C-BT Project water,
- Non-C-BT Project water to areas that the Water Court has designated to be served with Non-C-BT Project water prior to the effective date of this Rule, or
- C-BT or Non-C-BT Project water to a new subdivision on previously undeveloped land that a Utility has made a commitment to serve based on a specific source dedicated by a developer or by that Utility. Documentation of such dedication must be provided to Northern Water.

3.3.2. Except as provided in Section 3.3.1. above, a Utility may not account for delivery of a different percentage of C-BT Project water than Non-C-BT Project water to a customer if it results in generation of a lower percentage of C-BT Project water

return flows than would be generated by accounting for delivery of C-BT Project on a pro rata volumetric basis. For example, a Utility may not deliver C-BT Project water to:

- water a municipal park while delivering Non-CBT Project water to a housing development with limited or no landscape,
- a consumptive industry like a dairy while delivering Non-CBT Project water to a housing development with limited or no landscape, or
- a housing development with landscaping while delivering Non-C-BT Project water to an apartment complex without landscaping.

4. Accounting Requirements for Return Flows Resulting from Municipal/Industrial Use of C-BT Project water - A Utility shall provide Northern Water accounting for return flows resulting from municipal, domestic, commercial, or industrial use of C-BT Project water in accordance with Section 4 of these Procedures. The accounting shall be submitted as required in Section 5 of these Procedures.

4.1. If a Utility delivering treated C-BT Project water 1) treats wastewater (see Example 1 and 2 for Section 4.1); or 2) accounts for wastewater return flows from either C-BT and/or Non-CBT Project water, (see Example 3 and 4 for Section 4.1), the Utility must provide Northern Water daily accounting for:

4.1.1. C-BT Project water return flows being discharged from the wastewater treatment plant(s). If available and applicable, a methodology accepted in Water Court decree(s) or accepted by Colorado Division of Water Resources may be used for this determination. If no applicable methodology is available, the Utility shall develop a methodology acceptable to Northern Water for complying with these Procedures. If requested, Northern Water will work with the Utility to develop such a methodology.

4.1.2. C-BT Project water outdoor water use return flows. If the Utility has developed a methodology acceptable to the Water Court for determining lawn irrigation return flow and other outdoor returns, the Utility shall provide to Northern Water daily accounting for return flows resulting from outdoor use of C-BT Project water. If such a methodology does not exist, the Utility shall provide water usage information assisting Northern Water in developing such a methodology if and when Northern Water determines this is necessary and advisable to compute C-BT Project water return flows.

4.2. A Utility must assume the same percentage of C-BT Project water and Non-C-BT Project water supplied for a customer's use are also returning from that customer's use.

4.3. A Utility must assume the same percentage loss of C-BT Project water and Non-C-BT Project water in conveyance and in treatment of its wastewater.

5. Accounting Submittal

5.1. The responsible party shall provide daily accounting submitted monthly of the items in Section 1 in accordance with Section 5.3 of these Procedures beginning September 30, 2018 for diversions into storage beginning on or after August 1, 2018. The responsible party shall be the Account Entity that makes the order for C-BT Project water from Northern Water unless the party who will take responsibility provides notice to Northern Water in writing. The responsible party must be an Allottee and/or Account Entity.

5.2. A Utility must begin providing daily accounting submitted monthly of the items in Section 3 and 4 in accordance with Section 5.3 once Northern Water has an opportunity to review the accounting to assure the accounting provides necessary information as described in these Procedures. Northern Water will provide entities timely notice, of no less than three months, when necessary accounting must be available for review and submittal if it does not already exist. If such accounting does not meet Northern Water requirements, Northern Water will inform the Utility of what changes are necessary and provide the Utility at least three months to amend the accounting to meet such requirements. Northern Water will generally prioritize review of accounting by volume of delivery of C-BT Project water. Northern Water may deviate from this approach for efficiency. For instance, Northern Water may look at accounting for two Utilities at the same time, even though one Utility diverts much more C-BT Project water, because of the interconnection between the Utilities.

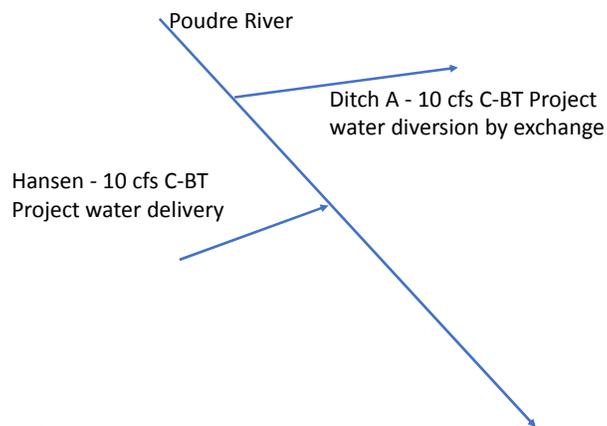
5.3. Daily accounting records for each month sufficient to meet the requirements in these Procedures must be kept in an electronic format acceptable to Northern Water and be submitted within 30 days of the end of the accounting month.

5.4. If daily accounting records are submitted monthly to the Division of Water Resources that otherwise meet the requirements in Sections 5.1 through 5.3 of these Procedures, Northern Water will make reasonable efforts to obtain such records directly from the Division of Water Resources.

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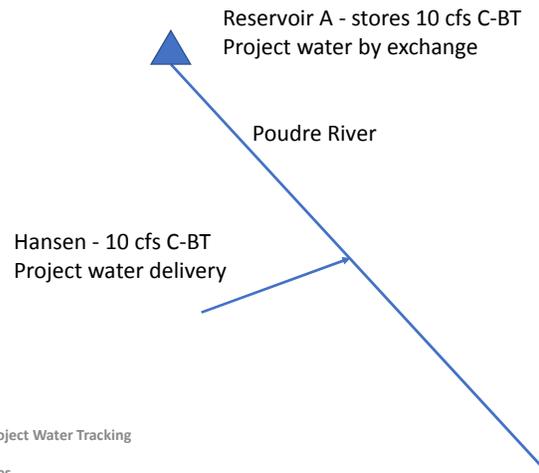
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Example 1 – Delivery of C-BT Project Water to Ditch A by exchange for direct use



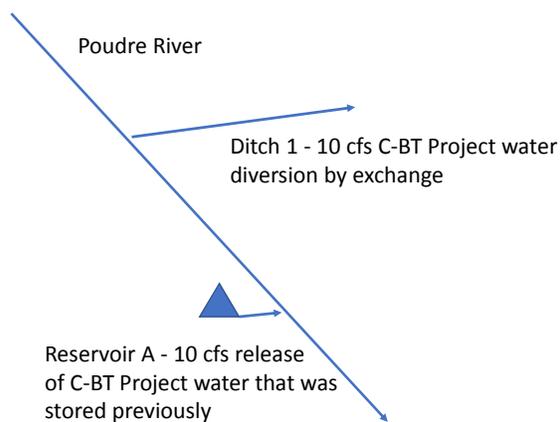
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Example 2 Description – Delivery of C-BT Project water to Reservoir A for storage by exchange (This can occur two ways, first by physically storing 10 cfs in Reservoir A and second by relocating C-BT Project water if Reservoir A already has other water stored in it)



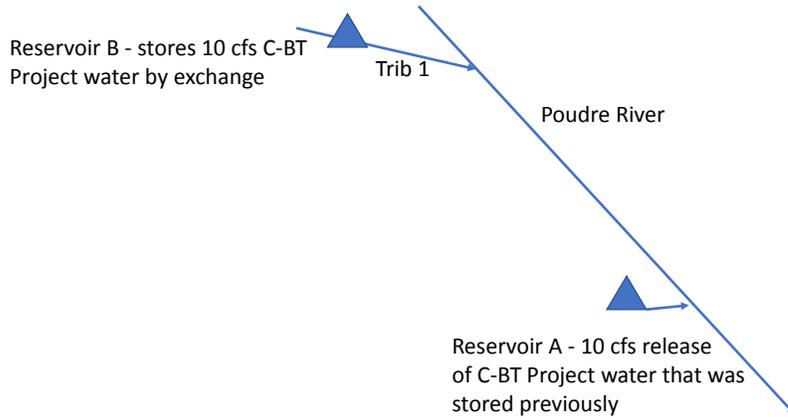
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Example 3 Description – Diversion of C-BT Project water at Ditch 1 by exchange from Reservoir A (Reservoir A is a Non-C-BT Project storage structure in this example)



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Example 4 Description – Diversion of C-BT Project water at Reservoir B by exchange from Reservoir A (This can occur two ways, first by physically storing 10 cfs in Reservoir B and second by relocating C-BT Project Water if Reservoir B already has other water stored in it. Reservoir A and B are Non-C-BT Project storage structures in this example)

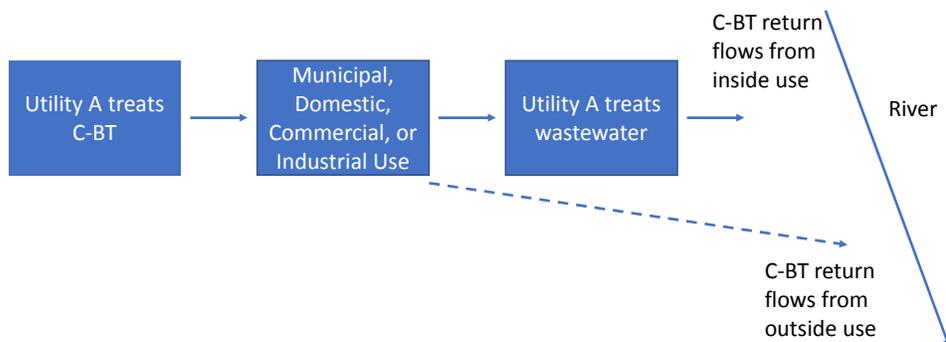


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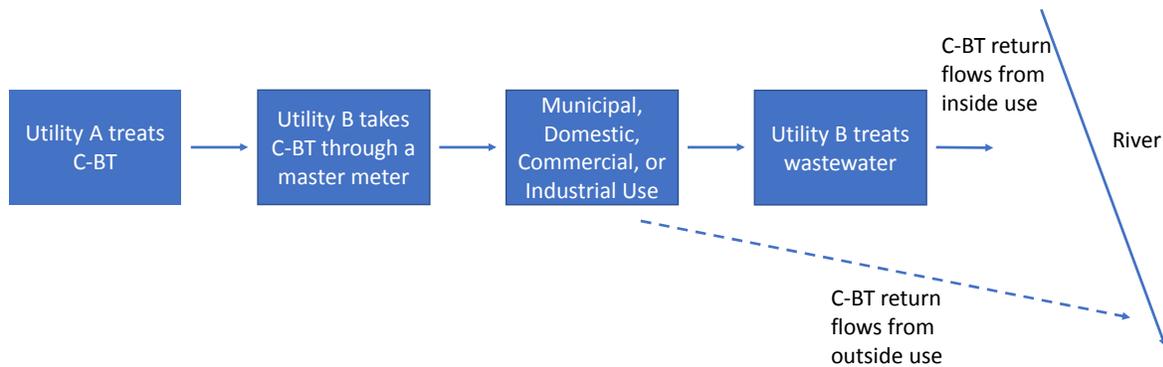
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Example 1 – Utility A is responsible for meeting requirements in Accounting Procedures Section 4.1



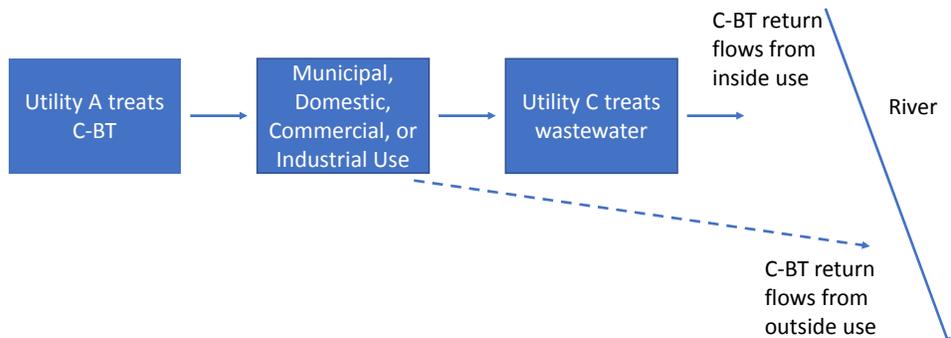
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Example 2 – Utility B is responsible for meeting requirements in Accounting Procedures Section 4.1



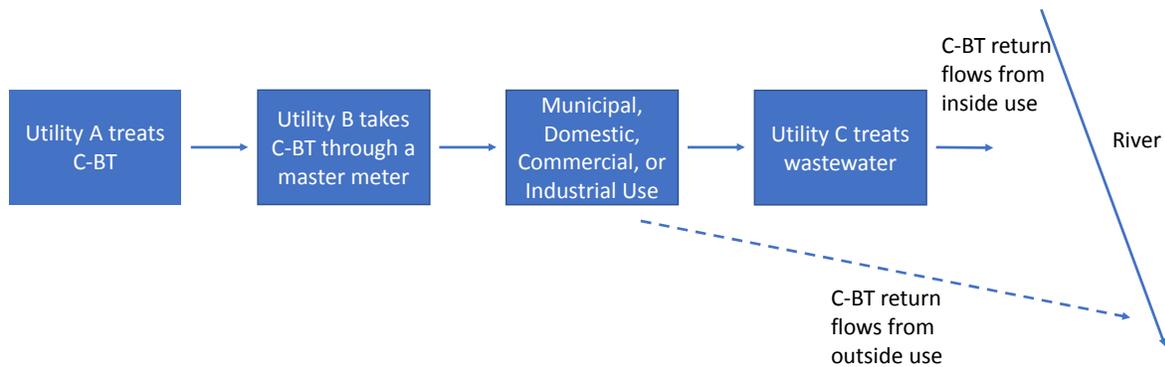
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Example 3 – Utility A is responsible for meeting requirements in Accounting Procedures Section 4.1 if Utility A accounts for C-BT and/or Non-C-BT return flows



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Example 4 – Utility B is responsible for meeting requirements in Accounting Procedures Section 4.1 if Utility B accounts for C-BT and/or Non-C-BT return flows



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