2.11 Selecting Object Level Accounting Methods

The Multi-Object Method Selector dialog can be also used to select Object Level Accounting Methods (OLAM). Click **HERE (Accounting.pdf, Section 4)** for more information on OLAMs. The image below shows aspects of this dialog specific to OLAMs:

- **1.** OLAM category items are shown with a grey background. *In the image below, see the bottom three rows in the method category list.*
- 2. When an OLAM category is selected, additional controls are shown below the method list. *In the image below, see the "Method Execution Time" combo box and "Set" button.* These controls are described on the following pages.

🕻 Multiple Object Method Selector								
File O	bjects							
Add Objects Image: Teilter by Type: StorageReservoir Select All Invert Remove Unfiltered Object List: 2 Objects; 19 in model. Displayed Object List: 2 StorageReservoir Objects; 2 in model; 1 selected.								
Туре	Obje	ct	Current Met	nod	Available			<u>^</u>
Storag	jeR 🖄	SandyReservoir	Copy Slot to	Slot Inflow	AVAIL			_
Storag	jeR 🔼	NymphLake	Zero Slot Inf	ows	AVAIL			
								\sim
Method Category 9: Evaporation and Precipitation 10: Surcharge Release Calculation 11: Low Flow Releases 12: Flood Control Release Calculation 13: Operating Levels 14: bankStorageCalcCategory 15: Seepage Calculation 16: targetOperationCalculationCategory 17: SedimentCalculationCategory 18: Diversion from Reservoir 19: Oncertainty Calculation		n on lation Category	Method No Accounting Inflow Calculation Zero Slot Inflows Copy Slot to Slot Inflow Heron Inflow Calculation Pooled Account Slot Inflow Prosser Uncomm NymphLakeSlotInflow SandySlotInflow		Objs 1 1	Execution Time Beg. of Timestep Ond Beg. of Timestep	ie	
20: 21: 22:	20: Storage Account Gain Loss 21: Storage Account Slot Inflow 22: Reservoir Reconciliation Beg. of Timestep Once Set							
Category: Storage Account Slot Inflow								
Current	Current Methods: Zero Slot Inflows							
New Method: Zero Slot Inflows								
Apply New Method Close								

2.11.1 Setting the Execution Time of OLAMs.

When an object level accounting category is selected, that category's method options are shown in the methods list (*shown here*).

When clicking on a method item selected on at least one simulation object, the Method Execution Time combo box is set to the indicated execution time -- or, if multiple execution times are indicated for that method item, one of those several execution times are used. You can selected a different execution time in the combo box. Execution times are described HERE (Accounting.pdf, Section 4.3).

In this dialog, there are two ways of setting the execution time of OLAM methods:

-	Method	Objs	Execution Time	^	
1:	No Accounting Inflow Calculation	n			
2:	Zero Slot Inflows	1	Beg. of Timestep Once		
3:	Copy Slot to Slot Inflow	1	Beg. of Timestep		
4:	Heron Inflow Calculation				
5:	Pooled Account Slot Inflow				
6:	Donner Inflow				
7:	Prosser Uncomm				
8:	NymphLakeSlotInflow				
9:	SandySlotInflow			V	
Method Execution Time:					
Beg	g. of Timestep Once 🔽 🛛 🛛	iet			
Beg. of Run					
Beg. of Timestep Once 📐					
Be	Beg. of Timestep 🔥				
Aft	After Simulation				
_					

- By clicking the "Set" button next to the Method Execution Time combo box. This effects the methods on the objects currently having that method setting.
- By clicking the "Apply New Method" button at the bottom of this dialog. (*See previous page*). This simultaneously sets the selected method item on the selected objects AND sets the execution times of those methods.

2.11.2 Special support for "Copy Slot to Slot Inflow": Set Target Account List Slot.

The Multiple Object Method Selector also has special features for the "Copy Slot to Slot Info" OLAM HERE (Accounting.pdf, Section 4.1.3).

When that method is selected, the "Set Target Account List Slots..." button is shown below the methods list. This button is enabled if any objects currently have the "Copy Slot to Slot Info" method selected. Clicking this button brings up the new "Set Target Account on Objects" dialog box.

-	*	Method	Objs	Execution Time			
	1:	No Accounting Inflow Calculation			1		
1	2:	Zero Slot Inflows	1	Beg. of Timestep Once			
	3:	Copy Slot to Slot Inflow	1	Beg. of Timestep			
	4:	Heron Inflow Calculation					
5	5:	Pooled Account Slot Inflow					
6	6:	Donner Inflow					
2	7:	Prosser Uncomm					
8	B:	NymphLakeSlotInflow					
9	9:	SandySlotInflow					
					<u> </u>		
Se	Set Target Account List Slots						
Method Execution Time:							
	Beg. of Timestep 🛛 Set						

The "Set Target Account on Objects" dialog operates on each simulation object being editing in the Multi-Object Method Selector which has the "Copy Slot to Slot Inflow" method selected.

The user selects one of three criteria for choosing an Account on each simulation object to be assigned to that object's Target Account List Slot:

- Account Name
- Water Type
- Water Owner

There must be exactly one Account on each object matching the criteria. This information is displayed in the Status area.

In the case of the "Set List Slots" operation being "ready" (i.e. exactly one

Account matching the entered criteria for each simulation object), the Status panel enumerates the simulation objects; *see the two right-side images*. Otherwise, the Status panel enumerates the simulation objects which either have no Accounts matching the criteria, or have more than one Account matching the criteria. Additionally, when the Water Type or Water Owner criteria are selected, the names of the matching Accounts can optionally be shown.

Set Target Account on Objects 🛛 🛛 🗙

Clicking the "Set List Slots" button (when enabled) assigns the objects' Target Account List Slots and closes the dialog.

	Chaco
This operation sets the Target Account	
list slot on the selected simulation objects.	- Status
One account assigned to each list slot	Ready to set the account list slot on 2 objects:
Object Count: 2	SandyReservoir NymphLake
List Slot: Target Account	
Used for: "Copy Slot to Slot Inflow" method	
Set by: 🔘 Account Name	· · · · · · · · · · · · · · · · · · ·
• Water Type	Set List Slots Cancel
O Water Owner	
Water Type:	Water Type:
Nymph 🔽	Fish
Status	Status
One object does not have an account of the selected Water Type:	Ready to set the account list slot on 2 objects:
SandyReservoir	SandyReservoir (Account: Chaco) NymphLake (Account: Upper)
	Show found accounts
Set List Slots Cancel	Set List Slots Cancel

Account Name: