## Command Reference: SetDiversionSystem()

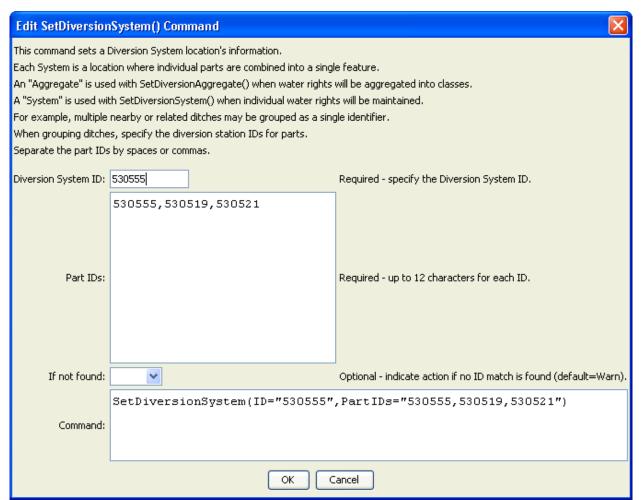
## Set diversion system parts

## StateCU and StateMod Command

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The SetDiversionSystem() command sets diversion system part identifier data for a diversion (a CU Location that corresponds to a diversion or D&W node or StateMod diversion station). Diversion systems are specified using a list of ditch identifiers, and the system information applies for the full model period (does not vary by year). To facilitate processing, it is often best to use list files to specific systems (see SetDiversionSystemFromList()). Systems by convention have their water rights fully represented in output – to aggregate water rights at a location, use an aggregate (see the similar Aggregate commands). See also the StateDMI Introduction chapter, which provides additional information about systems and other modeling conventions. System information should be specified after diversion locations are defined and before their use in other processing, such as reading data from HydroBase.

The following dialog is used to edit the command and illustrates the syntax of the command.



SetDiversionSystem() Command Editor

SetDiversionSystem

The command syntax is as follows:

SetDiversionSystem(Parameter=Value,...)

## **Command Parameters**

Parameter	Description	Default
ID	The diversion identifier to associate with	None – must be specified.
	the collection of individual diversions.	
PartIDs	The list of part identifiers to comprise the	None – must be specified.
	system, for example ditch WDIDs that	
	will be found in HydroBase. The part	
	identifiers are by default of type Ditch.	
IfNotFound	Used for error handling, one of the	Warn
	following:	
	• Fail – generate a failure message if	
	the identifier is not matched	
	• Ignore – ignore (don't add and	
	don't generate a message) if the	
	identifier is not matched	
	Warn – generate a warning message	
	if the identifier is not matched	