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# Command Reference: ReadWellStationsFromList()

Read well stations data from a list file

**StateMod Command**

Version 3.09.00, 2010-01-24

The `ReadWellStationsFromList()` command reads a list of well stations from a delimited list file and defines well stations in memory. The well stations can then be manipulated and output with other commands. Reading from a list is more general than reading from a StateMod file.

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

**Edit ReadWellStationsFromList() Command**

This command reads well stations from a list file containing columns of information.  
A well station can be one of the following:

- 1) location where only groundwater supply is used to meet demand
- 2) location where groundwater supply supplements surface water (diversion) supply to meet demand.  
In this case, see also diversion stations that are supplemented by well pumping -  
both diversion and well stations must be defined and the Diversion ID must be specified for the well (see below).

Columns should be delimited by commas (user-specified delimiters will be added in the future).  
Identifiers and names (and in some cases other information) can be read - most subsequent commands only need a list of identifiers.  
It is recommended that the location of the file be specified using a path relative to the working directory.  
The working directory is: C:\Develop\StateDMI\_SourceBuild\StateDMI\test\regression\UserManualRef\ReadWellStationsFromList

List file:

ID column:  Required - column (1+) for ID.

Name column:  Optional - column (1+) for name.

Diversion ID column:  Optional - column (1+) to link the well to a diversion location.

Command:  

```
ReadWellStationsFromList (ListFile="Sp2008L_AugRchWells.csv", IDCol=1)
```

ReadWellStationsFromList

**ReadWellStationsFromList() Command Editor**

The command syntax is as follows:

```
ReadWellStationsFromList (Parameter=Value,...)
```

## Command Parameters

Parameter	Description	Default
ListFile	The name of the list file to be read.	None – must be specified.
IDCol	The column number (1+) containing the well station identifiers.	None – must be specified.
NameCol	The column number (1+) containing the well station names.	None – optional (name will be initialized to blank).
DiversionIDCol	The column number (1+) containing the diversion identifiers associated with the well stations. This is needed in some cases to determine when a location is a diversion with supplemental well supply, for example, when processing well rights.	None – optional (diversion ID will be initialized to blank).

At a minimum, the list file must contain a column with well station identifiers. Lines starting with the # character are treated as comments. If the first line's values are surrounded by double quotes, the line is assumed to indicate column headings.

A sample list file is shown below:

```
#
# sp2007L_AugRchWells.csv
# _____
#
# rrb Augmentation and recharge wells from SmOpr
#      SmOpr
#      State of Colorado
#      Version: 1.00
#      Last revision date: 2006/10/27
#
# rrb 2008/10/08 count = 17 + 4 21
# _____
#
#
0102522_AuW , "RIVERSIDE AUG          ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
0102528_AuW , "FT MORGAN CNL AUG PLAN   ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
0102529_AuW , "UPPER PLATTE BEAVER AUG    ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
0102535_ReW , "LOWER PLATTE BEAVER AUG   ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
0102535_AuW , "LOWER PLATTE BEAVER AUG   ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
6402015_ReW , "TAMARAK                    ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
6402027_ReW , "OVERLAND                   ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
6402518_AuW , "HARMONY Aug Well           ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
6402519_ReW , "DINSDALE AUG               ", ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', ' ', 'NA'
```