Command Reference: ReadWellStationsFromList()
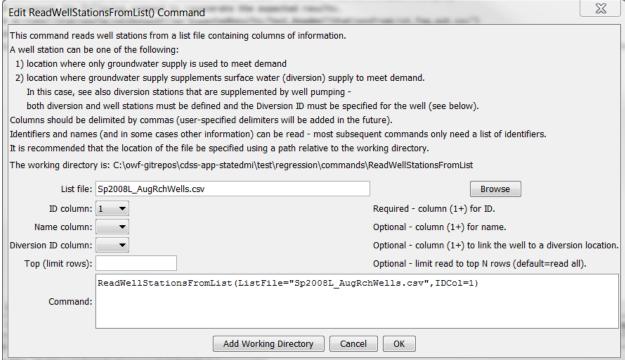
Read well stations data from a list file

StateMod Command
Version 4.00.00, 2016-05-19

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.

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).
Top	Specify the number of rows to read, useful for testing.	Read all rows.

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'
…
```