

# AutoCAD® Map 3D 2012 – Wastewater Extension Update 1 Readme

Thank you for downloading the AutoCAD Map 3D 2012 Wastewater Extension.

This readme contains the latest information regarding the installation and use of this extension.

It is strongly recommended that you read this entire document before you apply this extension to your product. For reference, please save this document to your hard drive or print a copy.

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## Affected Products

This update applies to all language versions of the following products:

- AutoCAD® Map 3D 2012
- AutoCAD® Map 3D Enterprise 2012

Note that the UI extension is only available in English and German in this version.

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## Content Summary

- AutoCAD Map 3D Enterprise 2012 Wastewater Extension
- AutoCAD Map 3D Enterprise 2012 Wastewater Extension for Administrator

These installers contain the import and export functionality for the Wastewater module. Supported file formats are: ISYBAU 1996/2001, ISYBAU 2006, ATV-M 143-2, ATV-DVWK-M 150-1, EN-13508-2

The extension also contains the classification functionality for the Wastewater features.

Main enhancements in the update 1:

## Isybau 96/2001

- ISYBAU96/01 – The import now stores the start and end heights of sections and connection lines in INPUT\_Z and OUTPUT\_Z, as ISYBAU XML does.
- ISYBAU 2011 – Fields NUMBERFINAL, NUMBERPRELIMINARY are filled out in the WW\_\*\_CLASSIFICATION feature classes.

## Isybau XML

- Isybau XML defines the diameter to be given in the profile height for circular profiles. Therefore the profile height is stored in dimension\_2 to stay consistent with Isybau XML.
- Calculation of additional points for "Lage an der Verbindung" (field IS\_CONNECTION) and "Lage am Umfang" (fields POSITIONFROM/POSITIONTO). Correct missing values if SZDvAuto/SZSvAuto/SZBvAuto are null before calculating a single observation.
- Use the code SMP for cover coordinates in ISYBAU XML import. Additional functions were added to retrieve a non cover point as base point for manholes, fittings and other points. The correct point is being retrieved at the nth position for covers.
- The application imports cover points (with code DMP), even if the "number of covers" field of a manhole is 0.

## Classification

- Possibility to have more classifications per inspection. If in the ISYBAU-file the field "Haltungsklasse" is filled out, then a new classification will be created with the appropriate values.
- Additional points are now stored for classifications (field ADDITIONALPOINTS of WW\_SECTION\_CLASSIFICATION and WW\_MANHOLE\_CLASSIFICATION is filled out). The classifications are updated only if the additional points are missing or if they have a different value.
- Field WW\_SECTION\_CLASSIFICATION.ID\_EVAL\_PROCEDURE (Klassifizierungs-Verfahren) is being saved properly.
- The classification process was enhanced to search for the finishing date of the rehabilitation. Therefore unfinished rehabilitations (with future dates) can be also classified.

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## Installation Instructions

### To install the Wastewater Extension Update 1

Note: You must have **administrative privileges** on your Microsoft Windows operating system.

Download the appropriate version of the extension (32-bit or 64-bit) based on your operating system.

1. On the computer where the product is installed, close all software applications.
2. Note that you must have the AutoCAD Map 3D 2012 and Autodesk Infrastructure Administrator 2012 installed.
3. Note that you need to have installed the Wastewater Extension, if you have not it installed follow steps 4-5. Continue with step **6** to install the update 1 if you have already installed the extension.
4. Download the "AutoCAD Map 3D 2012 Wastewater Extension x86" or "AutoCAD Map 3D 2012 Wastewater Extension x64" from [www.autodesk.com/map3d-countrykits](http://www.autodesk.com/map3d-countrykits). Extract the zip to a local folder (e.g. C:\temp).
5. Execute the MSI files: "CKE\_WasteWater.msi" and "CKE\_WWForAdmin.msi". The installer will automatically detect the Infrastructure Administrator on your computer.
6. In order to install the update 1, download the corresponding 32-bit or 64-bit update files: "AutoCAD Map 3D 2012 Wastewater Extension Update 1 x86" or "AutoCAD Map 3D 2012 Wastewater Extension Update 1 x64". Unzip the files in a temporary folder (C:\Temp)
7. Run the batch file **CKE2012\_Admin\_Update.bat** for the installation in the Infrastructure Administrator
  - The dialog asks whether the folder for the Infrastructure Administrator is "C:\Programme\Autodesk\Autodesk Infrastructure Administrator"
  - Enter **y** if it is a German installation and the path is correct or **n** if it is not
  - If you entered **n**, the dialog asks you to enter the path For example enter **C:\Program files\Autodesk\Autodesk Infrastructure Administrator 2012** (do not enter quotes)

- The files will be copied in the corresponding folder and the original files will be copied under 'BackupForCKESP' folder, e.g. 'C:\Program Files\Autodesk\Autodesk Infrastructure Administrator\Bin\BackupForCKESP'. Note that the dialog will display a warning if there are no files to backup.
8. Run the batch file **CKE2012\_Map\_Update.bat** for the installation in Map 3D
- The dialog asks whether the folder for Map 3D is "C:\Programme\Autodesk\AutoCAD Map 3D 2012"
  - Enter **y** if it is a German installation and the path is correct or **n** if it is not
  - If you entered **n**, the dialog asks you to enter the path. For example enter **C:\Program files\Autodesk\AutoCAD Map 3D 2012** (do not enter quotes)
  - The files will be copied in the corresponding folder and the original files will be copied under 'BackupForCKESP' folder, e.g. 'C:\Program Files\Autodesk\AutoCAD Map 3D 2012\Bin\BackupForCKESP'

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## Files Installed by This Extension

The following files will be added with the Update 1 to the [product]\bin directory (both 32-bit and 64-bit Machine):

Topobase.Modules.WasteWater.DinEn13508\_2.dll  
Topobase.Modules.WasteWater.Dwa.dll  
Topobase.Modules.WasteWater.Isybau.dll

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## Related Documentation

The detailed documentation of the Wastewater Extension is available in German language at [www.autodesk.com/map3d-countrykits](http://www.autodesk.com/map3d-countrykits)

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