

# CIVIL 3D PIPE NETWORK EXPORT

## Pre-submittal requirements:

- Create your Civil 3D pipe network. You will be submitting only one Civil 3D pipe network per plan submittal. Your one Civil 3D pipe network must include and properly name all the proposed new public manholes and the existing POC manholes on the project. If the network includes other extra structures that are not properly named, the District can remove the unlabeled data. One manhole cannot have two inverts out and will require a revised report.

### Your Company Name

123 Main Street

Suite #321

City, State 01234

### Pipe Network: KBH2003 SS

Pipes

Name	Shape	Size (in)	Material	US Node	DS Node	US Invert (ft)	DS Invert (ft)	2D Length (ft) center-to-center edge-to-edge	% Slope

One Pipe Network consists of only one Pipes table and one Structures table

Structures

Structure	Type	Size (ft)	Material	Northing (ft)	Easting (ft)	Rim Elev (ft)	Sump Elev (ft)	Sump Depth (ft)	Pipes

- If project coordinates are not in Nevada State Plane East, a conversion at one of the manholes is needed. Please include the conversion (similar to the example below) in the email sent to [planreview@cleanwaterteam.com](mailto:planreview@cleanwaterteam.com).

MH Name	Northing	Easting
177-77-777	27766554.33	776655.44

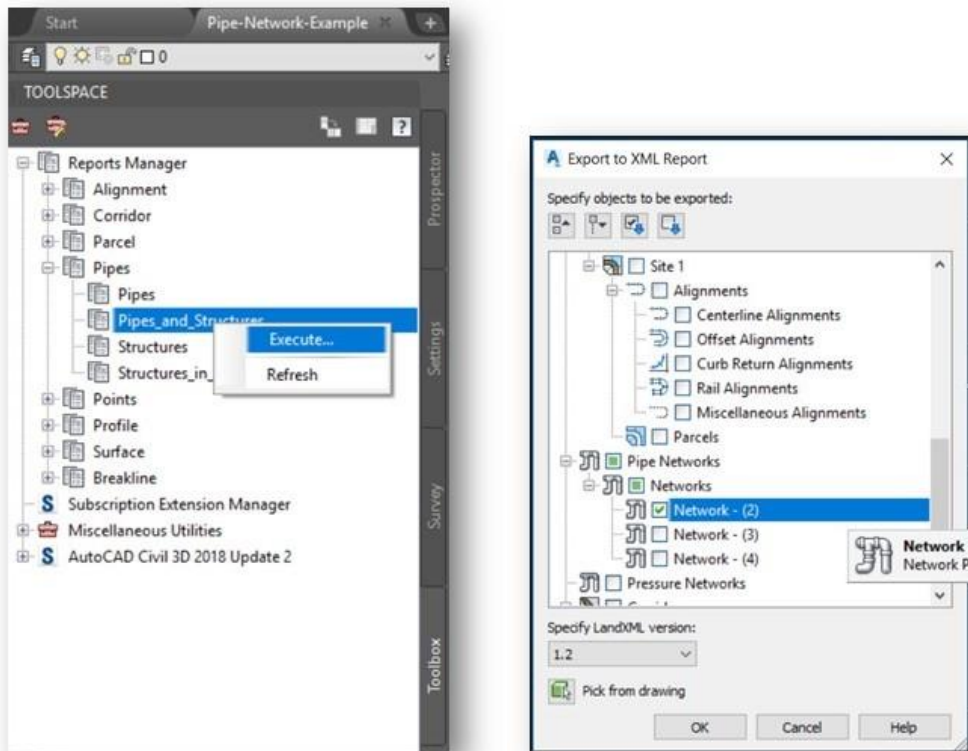
If we find that your N,E coordinates are all located a significant distance from where they should be located, we will request that you send us an updated file or a conversion factor for one of the manholes similar to the above.

- Every civil plan submittal (including mylar) requires a new corresponding Civil 3D export and submittal to the District. New manhole names on the first export and submittal are specified by the consultant (MH 1,2,3,4,5 etc.). All subsequent export and submittals must substitute and use the new manhole names as assigned by the District (example: MH 17615001, 17615002, 17615003, etc.). The Civil 3D report must be sent on the same day that the civil plans are submitted to the District for review.

## To export the manhole and pipe segment data from Civil 3D:

1. Underneath the "Prospector" tab on the left side, select the "Toolbox".
2. Expand the "Reports Manager", then "Pipes", right-click on the "Pipes\_and\_Structures", and then click on "Execute".

- Uncheck everything (click on the 4<sup>th</sup> button on the top), then check the box for the project pipe network, verify that the LandXML version is "1.2", and then click "OK".



- Send the generated HTML file (with a coordinate conversion if needed) to [planreview@cleanwaterteam.com](mailto:planreview@cleanwaterteam.com). Be sure to include the PIPES # and submittal number (e.g. 0.3 or 1.1) in the email subject line.

Verify when you do your Civil 3D export that you are exporting to HTML as instructed, and NOT to HTM. Don't manipulate the data in the HTML manhole and structure table, send it exactly as generated.