

## FREQUENTLY ASKED QUESTIONS

### **Basic SeptiCAD Questions:**

Q: Basically, what does SeptiCAD do.

A: SeptiCAD is collection of CAD design menus and tools used to draft subsurface wastewater disposal system designs formatted for the State of Maine (HHE-200 Form).

Q: What kind of CAD software I need for SeptiCAD.

A: SeptiCAD is LISP Application designed for BricsCAD v9+ and AutoCAD 2002.

Q: Can I try out SeptiCAD?

A: A trial version is available that only designs Reverse Type-B Eljen In-drains and all other tools only have limited functionality.

Q: What does SeptiCAD do?

- A series of menus is used to generate disposal field maps and cross-sections (simple and compound slopes)
- Fills out all sections of the HHE-200 Form.
- Tools to do all the rest:
  - The SeptiCAD toolbar includes all the SeptiCAD Tools and commonly used CAD drawing tools.
  - Complete a Soil Log
  - Label map features or addition information on the cross-section. SeptiCAD comes with a customizable Labels Library
  - Show distances
  - The SeptiCAD Block Library. Quickly create site plan features, such as a septic tank, d-box, survey pin, tree, generic house, etc.
  - Digitally sign the HHE-200 and print to PDF (required additional PDF printing program - freeware)
  - Open MapQuest in an internet browser using the Lat/Long provided for the design. In a couple of clicks you can insert the map into your CAD drawing.
  - Georeferencing tools for incorporating other CAD files (e.g. surveys) and raster images. Raster images are TIF-JPG-etc files obtained from a scanner or other digital resources like websites, Google Earth, town GIS websites, etc.
  - Plus many other tool, see toolbar help files

Q: Is there a Tutorial?

A: Yes, it is located in the Help Files.

Q: How to I install SeptiCAD?

A: An installer will copy the files to your hard drive, then the user must manually install a toolbar (couple clicks). A printer is set up a through the SeptiCAD print command. You

must install a PDF printer to create PDFs. A freeware PDF printer is available on <http://SeptiCAD.com>

### **SeptiCAD Questions:**

Q: What if I got the name, location, town wrong?

A: You will have to change each one independently. Double click each text entity individually to get the properties menu.

Q: What if I put in the wrong information and I have a funky looking design?

A: Select all [ctrl-a] and delete [delete]. Re-run with SeptiCAD icon, the form will automatically fill with the input for the last design.

Q: What is customizable in SeptiCAD?

A: SeptiCAD has Label, Note and Block Libraries. The font type for the maps and cross-section is set in the DWG template file. The arrowhead size and all text sizes are changed in the SeptiCAD Preferences. For more information see the SeptiCAD Preferences Help.

Q: How do I draw the other map features (septic tanks, setbacks, wells, property lines, etc).

A: The SeptiCAD Block Library is used to draw and label commonly used map features such as septic tanks, d-boxes, generic houses, utility poles, etc. CAD tools are used to draw property lines or other site features (driveways, vegetation, drainages, etc.).

Q: How do I use MapQuest to create the location map?

A: Once the Latitude and Longitude is entered using SeptiCAD, click the MapQuest tool to bring up a road map and use the MapQuest tools to zoom to the appropriate level. To get a copy of the map, click on make map Printable link (pop-up window), right click on the map and save image as BMP or JPG. Now, go into SeptiCAD and Attach Raster Image (icon on SeptiCAD toolbar), choose the image file, select rotate and scale on screen, press OK. When prompted for insert point, select lower left corner of location map in MODEL space and scale map so it fits in the box. Now use polyline tool to trace roads, and the SeptiCAD Label Library tool to labels roads and the site.

### **SeptiCAD Customization FAQ**

Q: How do I change the font.

A: Follow these steps:

- 1) Open an existing design or complete a temporary design.
- 2) In CAD open the Text Style menu and change the font in the SEPTICAD text style. Close the menu, review the changes, repeat as necessary, the text width may need to be reduce (swished) from 1 to 0.8. .
- 3) Once you like a particular thing, write down the information. Close the program, open a C:\septicad\septicad-template.dwt and change the SEPTICAD text style. Now save this file as a the template: C:\septicad\septicad-template.dwt. Now all designs in the future will be with this text style.

Q: How do I change the checkbox, north arrow, chamber, septic tanks, etc.?  
A: Change the appropriate block in C:\SeptiCAD\BLOCKS\ folder

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