RE: MTCATPH Workbook Tools: Troubleshooting/Operating Tips for Common installation
        error associated with Compatibility with various MS EXCEL 2000, 2003, 2007, 2010
        versions

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Follow Trouble-shooting instruction exactly described herein in the order of instruction below.

A. Download the Workbook file onto your computer and run it from your computer.

User may experience the failing the "MTCATPH.xls" Workbook on the Ecology website
link to run. When the user clicks on the link (on the Ecology website) the document may not
open up. The user should download the EXCEL Workbooks before trying to run them. To
download a file the user should right-click on the link. This will bring up a menu. Then left-
click on "Save Target As…" or "Save Link As…" After clicking on "Save", the file will be
downloaded onto your computer. The user should then close the browser and open the
spreadsheet as the user would any other file on the computer.

**B. Reinstall full (all and each components) MS EXCEL application program via custom-
install, then Power off and on.**

**C. Make your built-in "MACRO" functions <u>enable</u> so that you can run "macro" function
coded.**

Here is how make EXCEL enable to use "MACRO."

1   Click the **Microsoft Office Button**   , and then click **Excel Options**.
2   Click **Trust Center**, click **Trust Center Settings**, and then click **Macro Settings**.
3   Click the option that you need to have the Macro to function properly: "**Enable all
    macros (not recommended, potentially dangerous code can run)"** Click this
    option to allow all macros to run. This setting makes your computer vulnerable to
    potentially malicious code.

D. Relocate all necessary "add-ins" components that are not added properly.

The revised Workbook was developed for MS EXCEL 2003 because that was the version
that Department was using at the time.   Ecology has had mixed reports from outside users
about their ability to use the Workbooks on older versions. How to resolve this problem is to
exactly locate two built-in function files.

It is possible that MS Visual Basic[®] may open with an error window that states *"Compile
error: Can't find project or library."* If this is the case, it is likely that the Visual Basic[®]
routines included in the Workbook cannot locate one or both of the following function files
that need to be present on your computer's hard drive to allow the Workbook to perform
correctly:

- **LOOKUP.XLA**
- **SOLVER.XLAM (solver.xla for earlier versions of EXCEL)**

This usually is caused by not having the **Solver Add-in** open and loaded. It is the user's responsibility to verify that these files are correctly loaded. To see if you have these files, use your file browser to search for them. Usually, these files are located in the Library folder contained in the Office folder. The file *"SOLVER.XLAM"* probably is contained in a folder called *"Solver"* within the library folder. In order to establish a path to these files for the Workbook, you should need to do the following:

1. In Visual Basic® (with the error window showing), click on [OK] in the error dialogue window to close it.
2. Click on [Run] in the main toolbar and select [Reset].
3. Click on [Tools] in the main toolbar and select [References].

A list of available references with checkmarks will appear for the Workbook. Follow these instructions for each checked reference that is labeled as "MISSING" (you should repeat this procedure for each missing reference):

1. Highlight the file with your cursor (if it is not already highlighted).
2. Click on [Browse] at the right side of the dialog box.
3. Using the browser, locate the missing file (probably under Office/Library). Be sure to select "All Files" in the [Files of Type:]; scroll-down window so that all files in the particular folder will be displayed. If you still have trouble locating a particular file, you may right-click on "My Computer" on your desktop and select "Explorer" from the pop-up menu. Then fill in the appropriate file name to search for the location. To search for the missing file under MS Windows® XP:

   a) Click **Start**, point to **Search**, and then click **For Files or Folders**.
   b) In **Search for files or folders named**, type all or parts of the missing file name you want to find.
   c) In **Look in**, click the drive, folder, or network you want to search.
   d) To specify additional search criteria, click **Search Options**, and then click one or more of the options to narrow your search.
   e) Click Search Now.

   If the file is not located, you may need to install it from the source disk or check with your PC administrator. In most cases, you may be able to find the file *"SOLVER.XLAM"* located in the following folder:

   - MS Excel® 2010: *"C:\Program Files\Microsoft Office\Office14\Library\Solver"*
   - MS Excel® 2007: *"C:\Program Files\Microsoft Office\Office12\Library\Solver"*
   - MS Excel® 2003: *"C:\Program Files\Microsoft Office\Office11\Library\Solver"*

4. Once the file is located (be sure it's the one with the "*xlam*" extension), click on it (highlight it) and then click on the [Open] button. The window should return to the "Available References" list. The file should have a check-mark next to it. Repeat this process for each additional missing file.
5. Click [OK] to close the Available References window.
6. Click [File] in the main toolbar and select [Save]. Close Visual Basic® (this should return you to the MS Excel® Workbook).

Note: The macro within the Workbook that calls the subroutines operated upon by "SOLVER" and/or "LOOKUP" does not know where to look on the hard drive: it only "looks" in the folder it is operating within, UNLESS the user establishes a path to these files for the Workbook. If the instruction given above does not work, please copy three MS Excel® files (SOLVER.XLAM, SOLVER32.DLL, and LOOKUP.DLL or equivalent files for a different version of MS Excel®) into the same folder that contains the downloaded Workbook.

Save the corrected Visual Basic® Routines under a new file name if necessary. Trouble-shooting is now complete. Check by closing the Workbook and re-opening in MS Excel®. It should open to the title sheet without any error messages.

If you have any questions, please contact Hun Seak Park (hpar461@ecy.wa.gov; 360-407-7189)