

Appendix C Download and Use Day 3 Seminar Training Files

To download corresponding data files for the step-by-step exercises in this *Day 3 Handbook* go to www.EarthworkSoftwareServices.com then follow these steps . . .

Step 1: Click the **Resources** tab.

Step 2: On the *Resources* page, in the *Download AGTEK Seminar Training Files* paragraph, click the **File Download** link.

Note: The *Resource* pages include many other items of potential interest to AGTEK users so take a look at what's available.

The screenshot shows a web browser window displaying the 'Resources for AGTEK Software training' page on the Earthwork Software Services website. The browser's address bar shows the URL <https://www.earthworksoftwareservices.com>. The website's header includes the Earthwork Software Services logo and the tagline 'Authorized AGTEK Software Training'. A navigation menu at the top right contains links for SEMINARS, ABOUT, BIO, FAQ, REGISTRATION, RESOURCES (which is highlighted), KUDOS, and CONTACT. The main content area is titled 'RESOURCES USEFUL LINKS' and features several sections: 'Seminar Data Files, Program Updates & Much More' with a sub-section 'Download AGTEK Seminar Handbook Training Files' containing a paragraph about downloading data files and a 'File Download page' link; 'AGTEK Software Updates' with a paragraph about software updates and a 'Latest Versions' link; 'Supplemental Site Inspection and Analysis Tools' with a paragraph about site inspection tools and a link to the 'Site Inspection and Analysis Tools' page; 'Useful Third-Party Software' with a paragraph about third-party software and a 'Click here' link; 'Resources for AGTEK GPS Users' with a paragraph about GPS resources and a 'Click here' link; and 'Third-Party AGTEK Takeoff and Modeling Services' with a paragraph about third-party consultants and a 'Click here' link. A sidebar on the left is titled 'LATEST NEWS & INFORMATION' and contains several news items with 'View FAQ', 'View Order Form', and 'Read More' links. Arrows from the text on the left point to the 'Resources' tab in the navigation menu and the 'Download AGTEK Seminar Handbook Training Files' section.

Tip: If the Earthwork Software Services site is unavailable, download Day 3 data files from the web archive site at <https://web.archive.org/web/https://www.earthworksoftwareservices.com/resourcefiles.htm>.

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Tip: Data files for the current **2024 Post-Seminars Edition Handbooks** are listed on this page. For a past seminar season's data files click the **Older Files** sidebar button.

Lost or Outdated Seminar Handbooks? Seminar attendees can order replacements by clicking the **Order Handbooks** sidebar button.

Step 3: On the **Download Data Files** page, follow the instructions to download the **Day 3-2024.zip** file.

The screenshot shows a web browser window displaying the Earthwork Software Services website. The page is titled "Resource Files for AGTEK training from Earthwork Software Services" and is viewed in Mozilla Firefox. The browser address bar shows the URL "https://www.earthworksoftware.com". The website header includes the Earthwork Software Services logo and the tagline "Realize the Full Potential of Your Investment in AGTEK Software". A navigation menu contains links for SEMINARS, ABOUT, BIO, FAQ, REGISTRATION, RESOURCES, KUDOS, and CONTACT. The main content area is titled "RESOURCES AGTEK SEMINAR TRAINING FILES" and features a sub-heading "Download Data Files for the latest 2024 Post-Seminars Edition Handbooks". Below this, there is a paragraph explaining that the data files are for the 2024 Post-Seminars Edition Handbooks (click here for 2022-2023 (and earlier) seminar handbook data files). Click here to upgrade/replace old seminar handbooks with the latest updated 2024 Post-Seminars handbooks. A disclaimer states that by downloading any files from this page, the recipient agrees to use the file(s) only for the intended software training purpose, as described here and in the corresponding seminar handbook(s), and to not use the file(s) for any commercial purpose. Instructions for downloading a file are provided, including clicking the desired zip file, selecting the Save File option, and saving the files in a folder under the default AGTEK data directory. The zip files are not self-extracting and should be extracted using Windows File Explorer or a third-party zip file utility. The page lists three days of training files: Day 1 - Fundamentals of Site Modeling & Takeoff (7.9MB zip), Day 2 - Working with CAD, Vector PDF & Survey Data (14.1MB zip), and Day 3 - Strata, Over-Ex & Related Functions (16.0MB zip). Each day includes a link to a zip file and a brief description of its contents. A sidebar on the left contains buttons for "Resources Home", "Current Files", "Older Files", and "Order Handbooks". There is also a "LATEST NEWS & INFORMATION" section with links to "View FAQ", "View Order Form", and "Read More".

The **Day 3-2024.zip** file contains a **Day 3** folder with the following training files:

D3-AC.pdf - PDF reference copy of this *Appendix C* (pages 211-214).

EW3D_ESW - [AGTEK 3D users only] This sub-folder contains the *Day 3* ESW files saved in an older format that can be read by the *AGTEK 3D* products (*AGTEK 4D* users should not use the ESW files in this sub-folder).

QRTOC-D3.pdf - PDF reference copy of the *Day 3 Handbook's Note to Self-Paced Users* (page *i*), *Quick Reference Index* (pages 4-5) and *Table of Contents* (pages 6-12).

Pine Ready for Strata.esw - This *AGTEK 4D* job file can be used as the starting point for the *Modeling Subsurface Strata* exercise (page 28) and the *Importing Strata Surface Elevation Data* outtake example (page 38).

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PStrataPlot.pdf - This PDF plan file can be used for digitizing the bore hole locations in the *Modeling Subsurface Strata* exercise (page 28).

Pine Rock Layers.dwg, ***Pine_TSR_NEZ.csv*** and ***Pine_THR_NEZ.csv*** - These files can be used with the *Importing Strata Surface Elevation Data* outtake example (page 38).

Pine Strata Complete-Cut Factor.esw - This AGTEK 4D job file corresponds to the completed steps of the *Modeling Subsurface Strata Exercise* (pages 28-44) and the *Strata Volume Report with Cut Compaction Factors* discussion (page 45).

Pine Strata Complete-No Factor.esw - This AGTEK 4D job file corresponds to the *Strata Volume Report with No Compaction Factors* discussion (page 46).

Pine Strata Complete-Fill Factor.esw - This AGTEK 4D job file corresponds to the *Strata Volume Report with Fill Compaction Factor* discussion (page 47).

Strata Fill Factor.xlsx - This Excel spreadsheet file is used to calculate the volume-weighted fill factor corresponding to the *Strata Volume Report with Fill Compaction Factor* discussion (pages 47-48).

Pine Stripped Strata Test.esw - This AGTEK 4D job file corresponds to the *Strata Volumes Reported as Stripping Quantities* discussion (page 49).

Pine Clay Strata.esw - This AGTEK 4D job file can be used as the starting point for the “*Stripping*” the *Surface Strata Material* (page 55), *Volume of a Strata Seam* (page 60), and *Variable-Depth Removal of Expansive Clay* (page 165) exercises.

Pine Site Balancing.esw - This AGTEK 4D job file can be used as the starting point for the *Balancing Onsite Cut and Fill* exercise (page 64).

Pine Site Balancing Complete.esw - This AGTEK 4D job is the finished file after completing all steps in the *Balancing Onsite Cut and Fill* exercise (page 64).

Pine Rock Strata Complete.esw - This AGTEK 4D job file can be used as the starting point for the *Stripping Area Conflict at Strata Cut* (page 73), *Apply Subsidence to Fill Areas* (page 75), and *Rock Undercut Volumes (Subtraction Method)* (page 158) exercises.

Selective Strip Exercise.esw - This AGTEK 4D job file can be used as the starting point for the *Stripping Areas by Cut/Fill Depth* exercise (page 78).

Vertical Volumes Exercise.esw - This AGTEK 4D job file can be used as the starting point for the *Waste Areas by Depth of Cover* exercise (page 84).

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Pine Undercut Exercise.esw and ***PSucut.csv*** - This AGTEK 4D job file, and the associated CSV text file, can be used with the five methods of undercut exercises: *Transfer Subgrade Utility* (page 93), *New Surface and Stage Into Utilities* (page 98), *Apply Survey Utility* (page 105), *Stage Over-Ex Utility* (page 112), and *Apply Template Utility* (page 125); these files can also be used with the undercut exercise in *Appendix F* (page 231).

undercut.typ - This AGTEK 4D template file contains the template used in the *Apply Template Utility* undercut exercise (page 125).

Lowest Surface Exercise.esw - This AGTEK 4D job file can be used as the starting point for the *Modeling for Retaining Wall Cut Back* exercise (page 146) and the *Manually Create a Lowest Surface Model* exercise (*Appendix G*).

Lowest Surface Completed.esw - This AGTEK 4D job file can be used as the starting point for the AGTEK 4D (page 150) and AGTEK 3D (*Appendix H*) methods for creating the cut back model associated with the *Modeling for Retaining Wall Cut Back* exercise (page 146).

wall-ovex.typ - This AGTEK 4D template file can be used with the Apply Template method for creating the cut back model associated with the *Modeling for Retaining Wall Cut Back* exercise (page 150).

Lowest Surface Calcs-4D Method.esw - This AGTEK 4D job file is the finished file after completing all steps in the Apply Template (Method 2) application of the *Modeling for Retaining Wall Cut Back* exercise (page 150).

ShortcutKeysD3.pdf - PDF reference copy of the keyboard shortcuts in *Appendix B*.

WebLinksD3.pdf - PDF reference copy of the web resources catalog in *Appendix D* (includes a clickable hypertext link for each resource).

Lowest Surface Calcs-3D Method.esw - This AGTEK 4D job file is the finished file after completing all steps in the *Create Retaining Wall Cut Back Model in AGTEK 3D* exercise (*Appendix H*).

Pine Strata Balanced.esw - This AGTEK 4D job file can be used as the starting point for the *Balance Regions for Haul Analysis* exercise in *Appendix I* (page 257).

Pine Balance Regions.esw - This AGTEK 4D job file can be used as the starting point for the *Non-Linear Haul Information* example in *Appendix I* (page 265) and the *Strata Volumes at Balance Regions* example in *Appendix I* (page 266).