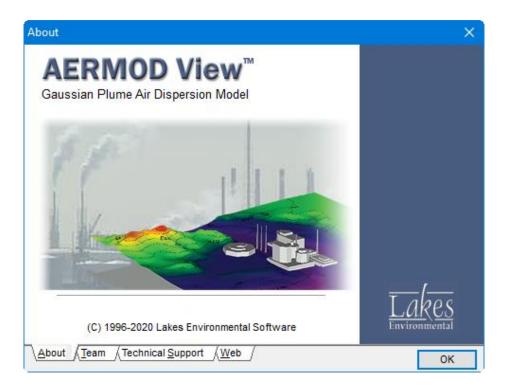
# **AERMOD View™**

Gaussian Plume Air Dispersion Model - AERMOD

#### **Release Notes**

Versions 9.9 and 9.8.x



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## **AERMOD View™ Version 9.9.0**

# **Release Notes**

## April 28, 2020

#### **New Features**

Торіс	Feature Description	
Models	New US EPA AERSURFACE 20060 Model	
	On April 7, 2020, the US EPA released the new <b>AERSURFACE Version 20060</b> model replacing all previous versions (13016 & 19039_DRFT). Updates include:	
	<ul> <li>Support for National Land Cover Database (NLCD) 2016, 2011, 2006, and 2001 GeoTIFF-format land cover data files which cover CONUS, Hawaii, Alaska, and Puerto Rico</li> </ul>	
	Support for NLCD 1992 files is now limited to GeoTIFF files only	
	<ul> <li>Addition of percent Canopy and percent Impervious data files for years corresponding to the selected land cover data</li> </ul>	
	Experimental surface roughness calculation methodology (ZOEFF)	
	Separation of airport selection by sector for surface roughness calculations	
	Debug output files for data analysis	
AERMET View	AERSURFACE Utility – Model Selection	
	Support for the new AERSURFACE model version 20060 in addition to the previous version (13016). A note was added to clarify that use of 13016 is intended for backwards compatibility, testing, and evaluation purposes only.	
	● 20060 (Default) ○ 13016	
	Tip The current US EPA version is 20060. The 13016 version is provided for backwards compatibility and testing purposes only.	



Торіс	Feature Description	
AERMET View	Enhanced WebGIS Data Availability	
	Land cover products available in the <b>AERSURFACE Utility</b> and <b>Land Use Creator</b> have been expanded and updated. New products include:	
	<ul> <li>2016 land cover, percent impervious, and percent tree canopy for the continental United States (CONUS) and Alaska</li> <li>Updated 2011, 2006, and 2001 data for CONUS, Alaska, Hawaii, and Puerto Rico</li> </ul>	
	See the AERMET View <b>Help</b> file for product details on years and spatial extents.	
	2016 USGS NLCD Data 2011 USGS NLCD Data 2006 USGS NLCD Data	
	2001 USGS NLCD Data	
	<b>Note:</b> NLCD 2001-2016 data downloads via WebGIS are only available for users with a <b>current maintenance agreement</b> .	
AERMET View	AERSURFACE Utility – Set Location in Preview	
	A new <b>Station Location tool</b> is available for selecting the precise coordinates of the meteorological station. Using the tool and clicking within the <b>Preview</b> area will automatically set the coordinates in the <b>Station Location</b> field.	
	Image: Second state of the second	



Торіс	Feature Description	
Topic         AERMET View	Feature Description AERSURFACE Utility – Land Use Viewer Displayed Aft After successful execution of AERSURFACE, AERMET displays the Land Use Viewer window so users can wight properties within their domain. Users can also access the the Output menu in the AERSURFACE Utility. The Use Viewer The	View now automatically isually verify the land use
	Help	Close



Торіс	Feature Description
AERMET View	<text></text>
Due is at Chattan	Hep Breferences
Project Status	Color Coded Status Message In both AERMOD View and AERMET View, the message defining a project's state is now color coded to more easily identify incomplete projects or those containing potential errors.
	Project is INCOMPLETE. See Details.
	Help     Preferences     Details     Verify Run     Run     Close
	Project is Complete. You Can RUN Now.
	Help     Preferences     Details     Verify Run     Run     Close



Торіс	Feature Description
Reports	Support for Large Output Values The Results Summary Report and Sensitive Receptors Summary Report have been updated to display full numeric concentration and deposition values for
Land Use Creator	In addition to the existing USGS NLCD, GLCC, CORINE, and EOSD land use data formats, <b>Shapefile</b> land use files can now be imported directly to the <b>Land Use</b>
	Creator utility. Formats (*.bin, *.img, *.shp, *.ti ~ Formats (*.bin, *.img, *.shp, *.tiff, *.tif) USGS NLCD92/01 GeoTIFF (*.tiff, *.tif) USGS NLCD92 BIN Files (*.bin) LULC GLCC (*.img) CORINE GeoTIFF (*.tiff, *.tif) EOSD GeoTIFF (*.tiff, *.tif) Land Use Shapefiles (*.shp) All Files (*.*)



Торіс	Feature Description
Land Use Creator	Support for Shapefile Land Use Data Shapefile land use data, including GeoBase Land Use data available from Natural Resources Canada's Geogratis FTP archive, can now be imported to the Land Use Creator utility to generate land use data files compatible with AERSURFACE 20060. This includes a utility for modelers to define land use codes for each shapefile attribute.
	Shapefile Land Use Data     X       Shapefile Options     Shapefile Coordinate System:       GC - WGS84     Select       Attribute with Land Use Data:     COVTYPE
	Assign Land Use Codes for Attribute Values
	Attribute Value Land Use Code Select Land Use
	▶ 11 92 92 - Glaciers
	12 91 91 - Perennial Snowfields
	20 51 51 - Streams and Canals
	31 91 91 - Perennial Snowfields
	32 74 74 - Bare Exposed Rock 33 74 74 - Bare Exposed Rock
	34 16 16 - Mixed Urban or Built-Up Land
	52 32 - Shrub and Brush Bangeland
	81 Stand Use Creater (USGS NLCD 2001-2016 GEOTIFF)
	82 Surface Station Coordinates Preview
	833       Ltc       66 2285 % % % %         100       Ltc       66 2285 % % % %         110       Ltc       120         120       Orga Come         121       X Coord:       -755 Mi         Y Coord:       -450 mi         211       See X. (00 )       00 )         213       Ltcd Use Code Selection (NLCD 2001-2016)         Code       -00 )       00 )         See Land Use Fie As (NLCD 2001-2016)       00 )         Fie       -         Autor       -         W Wedde       -         W Wedde       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       -         -       <
	Edder Överfays Databas
	Editor Uveraliya Januw Codes



Торіс	Feature Description
Land Use Creator	Added Data Product Version The NLCD data product version description – 1992 or 2001-2016 – was added throughout the Land Use Creator utility to make clear which data product is being generated. Land Use Creator (USGS NLCD 2001-2016 GEOTIFF) View Import Export Output Tools
	Surface Station Coordinates         Lat:       56.2326         S         Long:       120.7344         S       W         E         Land Use Grid Settings         Origin:       Centre         X Coord.:       -75.0         Y Coord.:       -45.0         # Cells X:       400
	# Cells X:       400       Cell Size:         # Cells Y:       400       30.0       [m]         Land Use Code Selection (NLCD 2001-2016)       Code:       ✓         Code:       ✓       Apply         Select Area       Unassigned       💽         Save Land Use File (s (NLCD 2001-2016))       🔊         File:       🔊       🕬



Торіс	Feature Description
Terrain Processor	Restored Datum Selection for GeoTIFF Terrain Data Files         User-defined selection of the Horizontal Datum field in the Terrain Processor         has been restored for all GEOTIFF files. This was removed inadvertently in the         previous release.         Modelers running GEOTIFF files other than USGS NED / 3DEP should set the         Horizontal Datum to Unknown to avoid errors in AERMAP.         Terrain Region To Import Import Elevations Advanced AERMAP         NED GEOTIFF Digital Terrain Files         File Name / Horizontal Datum         Location         Remove         Import Import Clevation         Remove         Import Intervention         Import Intervention         Import Intervention         Import Intervention         Import Import Elevations Advanced AERMAP         Import Import Elevations Intervention         Import Import Import Elevation Intervention         Import Import Import Import Elevation Intervention         Import I
MAXTABLE Viewer	Update to Fix Source Group Reporting The MAXTABLE Viewer utility was updated to correct an issue where results from multiple source groups were displayed in a single table.
Source Pathway	Reduced Input Parameter Limits of Open Pit Source Previously, AERMOD View required OPENPIT sources to use values of at least 1 for the X Length, Y Length, and Volume parameters. This has been updated to match AERMOD's internal code which allows any value greater than 0.
Source Pathway	Data Tree Modification to Variable Emissions The data trees used to assign sources to a Variable Emissions Scenario have been updated to avoid errors caused when modifications are made to existing source ranges within a scenario.
Project Status	Large Modeling Area Warning Corrected A false warning message reporting a large modeling area for some projects has been corrected to properly account for RLINE sources.



# Fixed Issues (Continued)

Торіс	Feature Description	
Labels	Plant Boundary Receptor Labels Reset	
	When labeling individual receptors along a Plant Boundary, the labels were not reset to a starting value of 1 when all initial boundaries were removed. This has been corrected.	
AERMET View	AERSURFACE Utility – Data File Folder Path References	
	A correction was made for reading input data files from folders other than the project directory.	
AERMET View	Import Surface Data from Excel Conversion Adjustment	
	A bug in the Import Surface Data from Excel utility caused the utility to read Missing Indicators for default units only. This has been corrected to read numeric values as missing regardless of units.	
Percent View	Reading Binary POSTFILE	
	A correction was applied to Percent View to properly read AERMOD's binary POSTFILES.	

#### **Known Issues**

Торіс	Issue Description
AERMOD 19191	<b>RLINE with EMISFACT</b> A bug in the US EPA's code prevents RLINE sources from being used with the Variable Emissions option (EMISFACT).
New Project Wizard	No Spaces in Project Name with ISC The ISCST3 and ISC-PRIME models are included in AERMOD for backwards compatibility purposes. Due to limitations in their code, these models will issue a fatal error if the project name contains spaces or special characters.



## **AERMOD View™ Version 9.8.3**

# **Release Notes**

## November 22, 2019

## **New Features**

Торіс	Feature Description
AERMET View	Exporting AERSURFACE Data to Google Earth
	When exporting project data from AERMET View to Google Earth, the center point for the <b>Sectors</b> , <b>Roughness Radius</b> , and <b>Albedo/Bowen Area</b> layers is now based on the coordinate identified in the AERSURFACE Utility.
	S Google Earth Pro – – × File Edit View Tools Add Help
	Vearch     Search     Searc
	I Dk Nn Baughness Radius         I Dk 10 km Atbedo/Bowen Area         I D



Торіс	Feature Description
AERMET View	AERSURFACE - Remember Last Opened Folder for Land Use Files When selecting Land Use, Canopy, and/or Impervious data files for the 19039 (Draft) version of AERSURFACE, the utility now remembers the last opened folder to save time when adding files from the same directory.
AERMET View	AERSURFACE - Selection of Airport Sectors AERSURFACE Version 19039_DRFT allows users to define each individual surface roughness sector as Airport or Non-Airport. In this update, selecting the Airport Site box on the Surface Roughness tab will now assume all sectors are Airport. Modelers can then uncheck any sector to identify non-airport roughness characteristics. Model Version 130.16 (Default 130.16 (Default Surface Roughness Sectors Surface Roughness Surface Roughness Surface Roughness
Output Pathway	<b>Enabling Plume Animation Groups by Default</b> When enabling the <b>Plume Animation</b> option, AERMOD View now automatically enables the first source group in the list (e.g., ALL). It also requires that at least one group be enabled.
Multi-Chemical Run Utility	<b>Optimization for Polyline Source Objects</b> The Multi-Chemical Run Utility has been optimized to process large polyline source types (Line Area, Line Volume).
Installation	<b>Digital Signature Included</b> Lakes Environmental is digitally signing our commercial product installations for additional security.



Торіс	Feature Description
Source Pathway	Source Group Support for RLINE Sources
	RLINE sources are now fully supported within Source Groups. The previous release had an issue where incorrect source IDs were assigned to groups for RLINE sources.
Source Pathway	Data Tree Updates for Source Groups and Others
	Settings which include data trees – such as <b>Source Groups</b> , <b>Urban Groups</b> , and <b>Variables Emissions</b> – were updated to automatically log new group / folder names as soon as the objects are created. This addresses an issue where new groups would be lost depending on the method through which they were created by the user.
Risk Mode	Import and Export of Gas & Particle Data
	Fixes were applied to Risk Emission Phase Data to allow for improved performance in importing or exporting deposition parameters for each phase.
	• Both import and export operations are now handled separately for each phase (Vapor Mercury, Vapor, Particle, Particle-Bound).
	• Exported spreadsheets are labeled according to each phase.
	The Risk Emission Phase Data List button was also fixed to address a range check error.



# **AERMOD View™ Version 9.8.1**

# **Release Notes**

## October 18, 2019

Торіс	Feature Description
Terrain Processor	<ul> <li>Updated Support for Alternate Projections / Datums</li> <li>Version 9.8.1 updates the Terrain Processor to improve handling of projections and datums not natively supported within the AERMAP executable.</li> <li>Projects using non-UTM projections or datums unsupported by AERMAP (those other than WGS84/72, NAD83/27, Old Hawaii, or Puerto Rico) will be internally converted to UTM / WGS84 to ensure elevation data are read and imported properly.</li> <li>These projects will automatically have the Terrain Options switched to read elevations &amp; hill height scales as specified in the project.</li> </ul>
	Control Pathway         Model AERMOD         Obspersion Options         Dispersion Options         Pollutant / Averaging         Nox to NO2 Options         Downwash Options         Debug Files         Re-Start/Multi-Year Files         Debug Files         Note No ZO options         Wind Options         Debug Files         Note: The conversion routines are best applied to each model object individually. For this reason, discrete receptors are preferred over gridded receptor networks. Users can still use gridded networks, but a warning will be displayed in this case.



## **AERMOD View<sup>™</sup> Version 9.8**

## **Release Notes**

## October 8, 2019

#### **New Features**

Торіс	Feature Description
AERMOD	<ul> <li>Latest Release of US EPA AERMOD Model Available – Dated 19191</li> <li>The following US EPA Models were released in August 21, 2019 and are incorporated into AERMOD View Version 9.8:</li> <li>1. AERMOD.EXE is the latest version 19191 (32-Bit Version)</li> <li>2. AERMOD_19191_X32.EXE – The same as above (32-Bit Version)</li> <li>3. AERMOD_19191_X64.EXE – 64-Bit Version</li> <li>See the Model Change Bulletin for a list of changes and bug fixes:</li> <li>https://www3.epa.gov/ttn/scram/models/aermod/aermod_mcb14_v</li> <li>19191.pdf</li> </ul>
AERMOD MPI	New Version of Lakes AERMOD MPI 19191 (Parallel Version)         A new version of the Lakes AERMOD MPI for the US EPA Model Version 19191         is now available (AERMOD_MPI_Lakes_19191.exe). Install includes 64-bit and         32-bit versions. You can specify to use this model under the Preferences dialog.         Note: AERMOD_MPI_LAKES_19191.EXE or AERMOD_MPI_LAKES.EXE will run         the latest version of the AERMOD model (19191) in parallel mode using up to a maximum of 8 cores.
	Preferences       Image: Constraint of the securate of the secure of the securet of the securet of the securet of the



Latest Release of US EPA AERMET Model Available – Dated 19191
On August 21, 2019, the US EPA released the new version of <b>AERMET</b> , dated <b>19191</b> . Updates in the new version include 5 bug fixes which are described on the model change bulletin:
https://www3.epa.gov/ttn/scram/7thconf/aermod/aermet_mcb9.pdf
Lakes Environmental updated <b>AERMET View</b> to include support for model version 19191.
<ul> <li>AERMET.EXE is the latest version 19191 (32-Bit Version)</li> <li>AERMET_19191_X32.EXE – The same as above (32-Bit Version)</li> <li>AERMET_19191_X64.EXE – 64-Bit Version</li> </ul>
🕈 Preferences 🗉 — 🗆 🗙
EPA Models/Limits         US EPA AERMET Executable           ● AERMET         ● Default ○ User-Specified
Settings  Download Settings  AERMET.EXE
World Map Settings     System Editor     US EPAAERSURFACE Executable
Default     User-Specified
C:\Program Files (x86)\Lakes\AERMOD View\Models\aersurface.exe
Gas Deposition Options – ALPHA The status of the Gas Deposition options was changed under the AERMOD Model Version 19191 from Non-Default to ALPHA. The deposition algorithms will undergo more evaluation before the US EPA can change its status again. In AERMOD View, the Gas Deposition Options are now available under a new location: Control Pathway – Gas Deposition page. The Non-Default option must be selected first to enable the access to this page.
Control Pathway
Modet: AERMOD Gas Deposition Gas Deposition Gas Deposition Seasonal Categories
Control Pathway  Control Pathway  Deposition Velocity  Deposition Velocity  Calculated by the Model  User-Specified  Value (m/s):
Background Ozone     Non-Default Options     Downwash Options     Low Wind Options     Gas Deposition     Gas Deposition     Gas Deposition
Optional Files     Out Deposition Failuncture     Out Dep
Pollutant Reactivity Factor: 0     Fraction of Maximum Green LAI (Autumn): 0.5
Fraction of Maximum Green LAI (Transition Spring): 0.25 Reference Pollutant [Optional]:



Торіс	Feature Description
Control Pathway	Low Wind Options - ALPHA The Low Wind Options were moved to a new location (Control Pathway – Low Wind Options screen) and its layout was improved by introducing the Default and User-Specified options.
	Model:       AERMOD         Control Pathway <ul> <li>Dispersion Options</li> <li>Polluant /Averaging</li> <li>Terrain Options (Flat)</li> <li>Nox to No2 Options</li> <li>Background Ozone</li> <li>Non-Default Options</li> <li>Low Wind Options</li> <li>Maximum Meander Factor:</li> <li>10</li> </ul>
Control Pathway	<b>New Building Downwash Options - ALPHA</b> AERMOD Model Version 19191 introduces, under the Control Pathway, two distinct sets of <b>ALPHA</b> building downwash options. These are research grade options made available for testing and evaluation purposes and implemented by EPA's Office of Research and Development ( <b>ORD</b> ) and Air & Waste
	Management Association (AWMA). These new options require the user to select the Non-Default option first and are available under the Control Pathway – Downwash Options page



Торіс	Feature Description
Control Pathway	New Layout for Control Pathway - Non-Default Options The Model Options section under the Control Pathway – Dispersion Options screen have a new layout as seen in image below.
	Model       AERMOD         Image: Control Options       Sample Project         Control Options       Bescresson Options         Pollutant / Averaging       Regulatory Options         Image: Terrain Options (Elevated)       Output Type         Image: Not NO2 Options       Output Type         Image: Debut Options       Image: Debut Options         Image: Debut Options       Flat Elevated (FLAT ELEV)         Image: Debut Options       Flat All Sources (FASTALL)         Image: Debut Options       Image: Debut Options         Image: Debut Options       Optimized Area Source Servential Met Data (WARNCHKD)         Image: Debut Options       Image: Debut Options         Image: Debut Options </th
	Help Servicus Next S Close
Source Pathway	New Roadway Source Type Introduced – RLINE - BETA         AERMOD Model Version 19191 introduces a new source type "RLINE" to model roadways or similar line-type releases. The algorithms used for this new source type are from the R-LINE model version 1.2 (www.cmascenter.org/r-line).         In AERMOD View, this source is identified with the following toolbar button:         Image: A transformation on the RLINE Source:         1. Non-Default BETA option         2. Must be used with FLAT terrain         3. Has the same parameters as the LINE Source



Торіс	Feature Description
Source Pathway	METHOD 2 Particle Deposition – ALPHA         The status of the METHOD 2 Particle Deposition option was changed under the AERMOD Model Version 19191 from Non-Default to ALPHA. The deposition algorithms will undergo more evaluation before the US EPA can change its status again.         Image: Source Particle Source Parameters for Gas and Particle Deposition by Total Particulate Mass         Source Parameters         Source Parameters         Source Parameters         Source Parameters         Source Data         Source Parameters         Source Data         <
Source Pathway	BUOYANT LINE Source with Urban Option – ALPHA The BUOYANT LINE Source can be used with the DEFAULT option for Rural dispersion. However, under AERMOD model version 19191, it is a Non-Default ALPHA option if used with the Urban dispersion option (URBANOPT).
Source Pathway	PSD Groups (PVMRM) Option – ALPHA The PSD Groups (PVMRM) option (PSDCREDIT) is a Non-Default ALPHA option under model versions 18081 and 19191. For earlier model versions, this was a BETA option. Source Partneters Version of the Statistic Data Cas & Partice Data Cas Conse Cas Cas & Partice Data Cas Cas Cas Cas Cas Cas Cas Cas Cas Cas



Торіс	Feature Description
BPIP	New US EPA BPIP Version Available as DRAFT- Dated 19191_DRFT         On August 21, 2019, the US EPA released a new version of the BPIP PRIME model as a DRAFT (19191_DRFT). This version is to facilitate testing of the ALPHA building downwash options (see item above).         Two executables are available and can be selected from the Preferences dialog:         1) BPIPPRM_19191_DRFT_32.exe (32-bit)         2) BPIPPRM_19191_DRFT_64.exe (64-bit)         See the Model Change Bulletin at:         https://www3.epa.gov/ttn/scram/mcbs/BPIPPRM_MCB_v19191_DRFT.pdf         Image: Breter and the set of the securable in the set of the set o
Buildings	<ul> <li>Unlimited Number of Building Coordinates to Import</li> <li>The option to import Buildings from an Excel file (Import   Buildings menu option) was limited to 256 columns of data. Therefore, building shapes with more than 123 pairs of X, Y coordinates could not be imported.</li> <li>This new release has no limit on the number of polygon X, Y points for a building that can be imported from an Excel file.</li> </ul>



Торіс	Feature Description
Terrain Processor	Coordinate Conversion for Non-UTM Projections For projects utilizing the map projections other than UTM, a modification was made to the Terrain Processor which now internally converts all coordinates to UTM. This change was necessary to import correct terrain elevations at all known objects due to the differences in projection tilts at high latitudes. Note: This modification requires users to enable the "Run AERMOD using the Elevations/Hill Heights specified in your project" option on the Control Pathway   Terrain Options dialog.
AERMAP	Updates to the USGS NED Terrain Data Download Recent changes to USGS data servers have directed download access for NED terrain data to new servers. Lakes Environmental made the necessary modifications to the WebGIS download routines for these files.



Торіс	Feature Description
AERMOD Run	AERMOD Run – Project Status Dialog
	The <b>Project Status</b> dialog is now also shown when the user selects the menu option <b>Run   Run AERMOD</b> . This makes the AERMOD Run options more consistent and allows the user the option to Run BPIP prior to AERMOD.
	Project Status [AERMOD - AERMOD.EXE]
	Input File: Tutorial ADI Output File: Tutorial ADO
	Control Source Receptor Meteorological Output
	Dispersion Options:         DEFAULT           Output Types:         CONC           Urban Dispersion Option:         NO
	Plume Depletion: Output Warnings: NO
	Pollutant: SO2 Optional Files:
	Averaging Time: 3 24 ANNUAL EVENT Input File: NO
	Exponential Decay: NO Re-Start File: NO
	Terrain Height: ELEVATED Error Listing File: YES Model Debug File: NO
	Flagpole Receptors: NO (0.0 m) Met Profile Debug File: NO
	Run BPIP prior to AERMOD (BPIPPRM_04274.EXE)
	Project is Complete. You Can RUN Now.
	Help Preferences Details Verify Run Run Close
	<b>Note:</b> The BPIP Executable, being used for the run, is now also shown in the <b>Project Status</b> dialog.



Торіс	Issue Description
Input File	BUOYLINE Source Input File Order
	The US EPA updated their AERMOD Implementation Guide to include some additional modeling guidance. One item related to Buoyant Line sources recommends "users always list the BUOYLINE source last in the AERMOD input file" to prevent a bug in how the model handles other sources.
	AERMOD View now writes any Buoyant Line Sources (BUOYLINE) after any other type of source.
	<b>Note:</b> See section 7.1 of the AERMOD Implementation Guide, for more information about this US EPA AERMOD model bug:
	https://www3.epa.gov/ttn/scram/models/aermod/aermod_implementation_g uide.pdf
Terrain Processor	AERMAP Freezes During NED 1/3 Processing Fixed freezing issue related to the processing of NED 1/3 terrain data. This happened in very few cases where tile edges where close to the selected domain edges.
Buildings	Application Freezes When Accessing Buildings
	In very few cases, AERMOD View was occasionally freezing when attempting to modify parameters in the <b>Buildings Inputs</b> dialog. This issue has been resolved.



Торіс	Issue Description
Multi-Chemical Utility	Multi-Chemical Run Fails due to Spaces on Project Path Projects with spaces on the name and or path failed to run with the Multi- Chemical utility when source IDs were greater than 8 characters. This issue has been fixed.
Multi-Chemical Utility	Multi-Chemical Warning Messages After successful completion of some Multi-Chemical runs, a warning was issued stating some years were not calculated. This issue has been resolved to remove the erroneous message.
RiskGen	Improved Error Handling In previous releases, cancelling model runs and exiting Batcher caused an error message to be issued as the utility tried to read incomplete output. A standard Warning message is now issued if runs are cancelled prematurely.           Warning         ×           Marning         ×           The model run was cancelled.         Complete the model runs in order to successfully finish the RiskGen process.           OK         OK
AERSURFACE	<b>Executable for AERSURFACE Replaced by 32-Bit Version</b> The US EPA AERSURFACE executable version <b>19039_DRFT</b> , introduced on AERMET View Version 9.7, was only compatible with 64-Bit Windows operating systems. This executable now can be used in 32-Bit and 64-Bit operating systems.



Торіс	Issue Description
AERMET View	Land Use Viewer Display Fix for 1992 Data
	The <b>Land Use Viewer</b> tool displayed incorrect categories when running the AERSURFACE 19039_DRFT version with 1992 land use data. This issue has been fixed.
	Land Use Viewer
	🔁 Land Use Viewer
	Land Use Domains         Surface Roughness Sectors         Legend Options         Classification code         Land Use Legend         Open water         Down intensity residential         High intensity residential         Bare rock / Sand / Clay         Outarries / Strip mines / Gravel pts         Bare rock / Sand / Clay         Bare rock / Sand / Clay         Bare rock / Sand / Herbaceous         Bare rock / Sand / Clay         Duarries / Strip mines / Gravel pts         Bare rock / Sand / Clay         Duarries / Strip mines / Gravel pts         Bare rock / Sand / Legred         Bare rock / Sand / Legred         Bare rock / Sand / Clay         Bare rock / Sand / Legred         Bare rock / Sand rock         Bare rock / Sand

