



## **User Guide**

## **Bulletin Search**

**A PennDOT Service for  
Public Users and Business Partners**

**Release 8.0 ♦ October 2015**

## Contents

<b>Contents .....</b>	<b>2</b>
<b>eCAMMS Bulletin Search .....</b>	<b>3</b>
Construction Bulletins Home .....	3
Public Real-Time Bulletin Search .....	4
Search and Display Features .....	5
<b>Bulletin 14 (Aggregate) Search .....</b>	<b>6</b>
Defining the Bulletin 14 Search .....	7
Viewing the Bulletin 14 Search Results .....	9
Viewing Search Results Details .....	10
Comparing Search Results .....	11
<b>Bulletin 15 (Qualified Products List for Construction) Search .....</b>	<b>12</b>
Defining the Bulletin 15 Search .....	13
Viewing the Bulletin 15 Search Results .....	15
Viewing Search Results Details .....	16
Comparing Search Results .....	17
<b>Bulletin 41 (Bituminous) Search .....</b>	<b>18</b>
Defining the Bulletin 41 Search .....	19
Viewing Bulletin 41 Search Results .....	21
Viewing Search Results Details .....	22
Comparing Search Results .....	23
<b>Bulletin 42 (Concrete) Search .....</b>	<b>24</b>
Defining the Bulletin 42 Search .....	25
Viewing Bulletin 42 Search Results .....	27
Viewing Search Results Details .....	28
Compare Search Results Window .....	29
<b>Bulletin Search Map Display and Controls .....</b>	<b>30</b>
Map Location Display (Standard) .....	30
Map Location Display (Distance Search) .....	31
Map Options .....	31
<b>Supplier Latitude and Longitude Entry .....</b>	<b>32</b>

---

## eCAMMS Bulletin Search

**eCAMMS** includes a public search website that provides information on approved materials and suppliers for construction.

The search is available at:

<https://www.ecamms.pa.gov/Public/Pages/Bulletins/BulletinSearch.aspx>

---

### IMPORTANT:

The public Bulletin Search is not available within your standard **eCAMMS** session. Log out of **eCAMMS** or open a new browser window to access the search. Your username and password are not required to use the operations in this section.

---

### Construction Bulletins Home

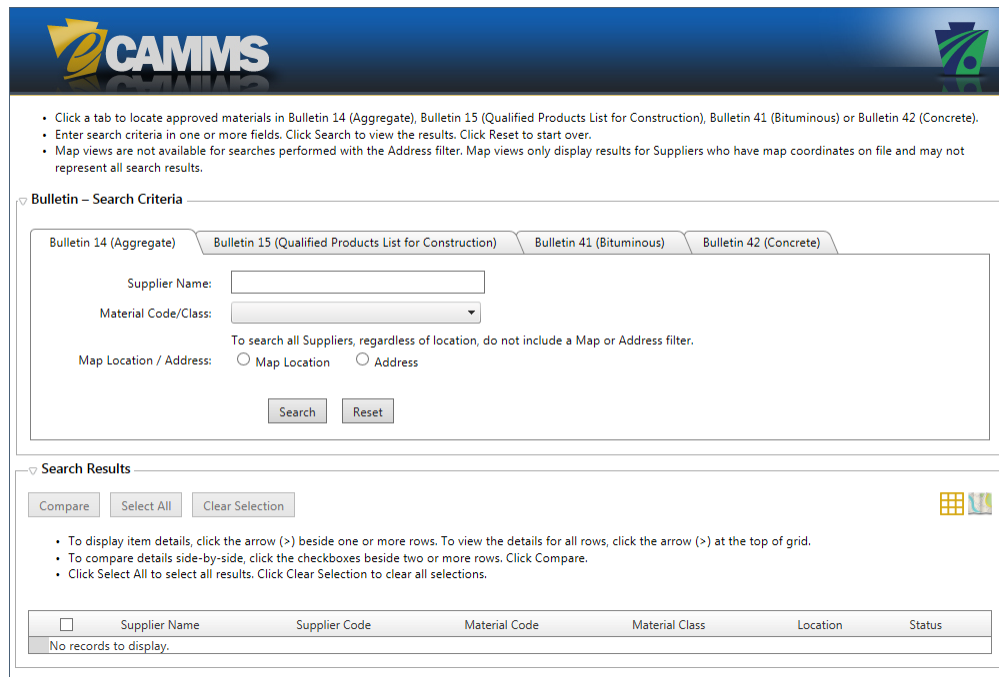
The search page and additional information also are available from the Pennsylvania Department of Transportation's public website: **www.dot.state.pa.us**

From the main Department of Transportation site:

1. Click **Projects and Programs** in the main menu.
2. Click **Construction**. The construction page appears.
3. Click **Construction Bulletins and Publication Information**.
4. Click any of the bulletin links: **Bulletin 14**, **Bulletin 15**, **Bulletin 41** or **Bulletin 42**.
5. The **Construction Bulletins** home page for the selected bulletin appears.

## Public Real-Time Bulletin Search

The approved product search for all bulletins originates from a single page.



**eCAMMS**

- Click a tab to locate approved materials in Bulletin 14 (Aggregate), Bulletin 15 (Qualified Products List for Construction), Bulletin 41 (Bituminous) or Bulletin 42 (Concrete).
- Enter search criteria in one or more fields. Click Search to view the results. Click Reset to start over.
- Map views are not available for searches performed with the Address filter. Map views only display results for Suppliers who have map coordinates on file and may not represent all search results.

**Bulletin – Search Criteria**

Bulletin 14 (Aggregate)    Bulletin 15 (Qualified Products List for Construction)    Bulletin 41 (Bituminous)    Bulletin 42 (Concrete)


Supplier Name:

Material Code/Class:

To search all Suppliers, regardless of location, do not include a Map or Address filter.

Map Location / Address: ☐ Map Location    ☐ Address

**Search Results**



- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

<input type="checkbox"/>	Supplier Name	Supplier Code	Material Code	Material Class	Location	Status
No records to display.						

## Search and Display Features

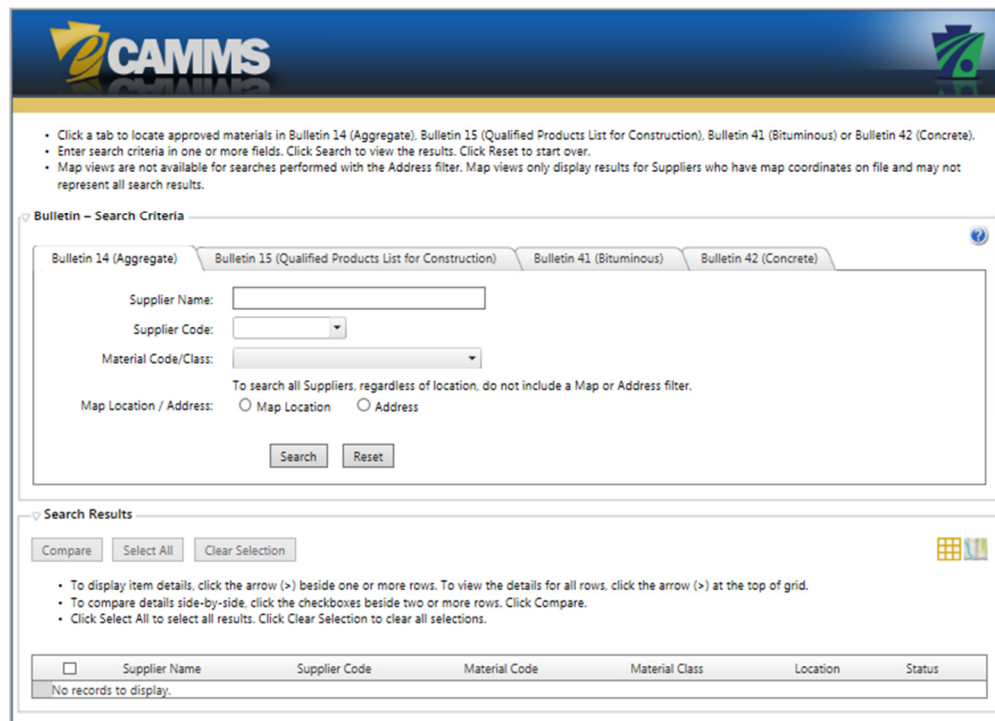
The new **Bulletin Search** includes a host of new features designed to help PennDOT business partners locate approved producer products quickly:

- Individual tabs for Bulletin 14, Bulletin 15, Bulletin 41 and Bulletin 42.
- Customized search criteria for each bulletin type.
- Search criteria fields designed for fast location of different information: text fields, type-ahead searches and dropdowns featuring multiple checkbox selection.
- Real-time search of the **eCAMMS** database.
- Complete results display in grid format, with sortable columns and additional detail displays.
- Side-by-side comparison displays of two or more products.
- Interactive mapping for fast location of suppliers by region.

Follow the instructions in this guide to locate and view approved product listings in each of the bulletins.

## Bulletin 14 (Aggregate) Search

From the main Bulletin Search page, click the **Bulletin 14 (Aggregate)** tab to display the **Search Criteria** fields.



• Click a tab to locate approved materials in Bulletin 14 (Aggregate), Bulletin 15 (Qualified Products List for Construction), Bulletin 41 (Bituminous) or Bulletin 42 (Concrete).  
• Enter search criteria in one or more fields. Click Search to view the results. Click Reset to start over.  
• Map views are not available for searches performed with the Address filter. Map views only display results for Suppliers who have map coordinates on file and may not represent all search results.

**Bulletin - Search Criteria**

Bulletin 14 (Aggregate) | Bulletin 15 (Qualified Products List for Construction) | Bulletin 41 (Bituminous) | Bulletin 42 (Concrete)

Supplier Name:   
 Supplier Code:   
 Material Code/Class:   
 Map Location / Address: ☐ Map Location ☐ Address  
 To search all Suppliers, regardless of location, do not include a Map or Address filter.  
 Search Reset

**Search Results**

Compare Select All Clear Selection

• To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.  
 • To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.  
 • Click Select All to select all results. Click Clear Selection to clear all selections.

<input type="checkbox"/>	Supplier Name	Supplier Code	Material Code	Material Class	Location	Status
No records to display.						

Use the screen to enter any combination of search criteria. Adding more search criteria will yield fewer and more relevant results. Click **Reset** at any time to clear the fields and enter new criteria.

## Defining the Bulletin 14 Search

Follow the steps below to define your search. Use the mouse or **Tab** key to move among the fields.

- 1. Supplier Name or Supplier Code.** Complete either field to locate suppliers. Leave the fields blank to include all.

<b>Supplier Name</b>	Text or Numeral	Type any combination of text in the field. Only <b>Supplier Names</b> containing the characters are included in the search results.
<b>Supplier Code</b>	Dropdown, Type-Ahead	Click the field and type a combination of characters in the <b>Supplier Code</b> . The dropdown displays available supplier codes. Click a code to select it.

- 2. Material Code/Class.** Use the field to restrict your search to one or more aggregate materials. Leave the field blank to include all.

<b>Material Code/Class</b>	Multiple Dropdown	Click the dropdown. Available <b>Material Codes</b> appear. Click the plus sign to expand the tree and display <b>Material Classes</b> . Click one or more checkboxes in any combination to restrict the search.
----------------------------	-------------------	---

- 3. Address.** Click the **Address** button to search suppliers using the address stored in the eCAMMS database. All supplier records with address information that matches the criteria are included. Address fields appear to enable you to restrict your search. Leave the fields blank to include all.

<b>Address</b>	Text	Type any text in the field to restrict the search by supplier's street address.
<b>City</b>	Text	Type any text in the field to restrict the search by the supplier's city.
<b>State</b>	Dropdown	Click the <b>State</b> dropdown. Click a state to restrict the search.
<b>Zip/Postal</b>	Text	Type any text in the field to restrict the search by Zip code.
<b>Country</b>	Dropdown	Click the <b>Country</b> dropdown. Click a country to restrict the search.
<b>Responsible District</b>	Dropdown	Use the search to locate suppliers by assigned district. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.

### NOTE:

Using the **Address** option searches data fields only. The map view is deactivated.

- 4. Map Location.** Click the **Map Location** button to search suppliers using the map locations they provided. Approved suppliers indicate their geographic location by latitude and longitude. Additional field appear to enable you to define the map search.

<b>District</b>	Button with Dropdown	Click the <b>District</b> button to locate mapped suppliers using the physical boundaries of the PennDOT district. The <b>District</b> dropdown appears. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.
<b>County</b>	Button with Dropdown	Use the <b>County</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>County</b> dropdown appears. Click the <b>County</b> dropdown. Click one or more checkboxes to restrict the search.
<b>Address</b>	Button with Dropdown and Text Fields	Use the <b>Address</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>Search</b> dropdown and entry fields appear. The search locates all suppliers using a geographic distance (radius method). <b>Search:</b> Click the <b>Search</b> dropdown. Click the distance (in miles) and enter the street address to use as a center point of the search. <b>Address:</b> Enter the street address (required). <b>City:</b> Enter the city (required). <b>State:</b> Enter the state (required). <b>Zip/Postal:</b> Enter the Zip code or Zip+4 code.

**NOTE:**

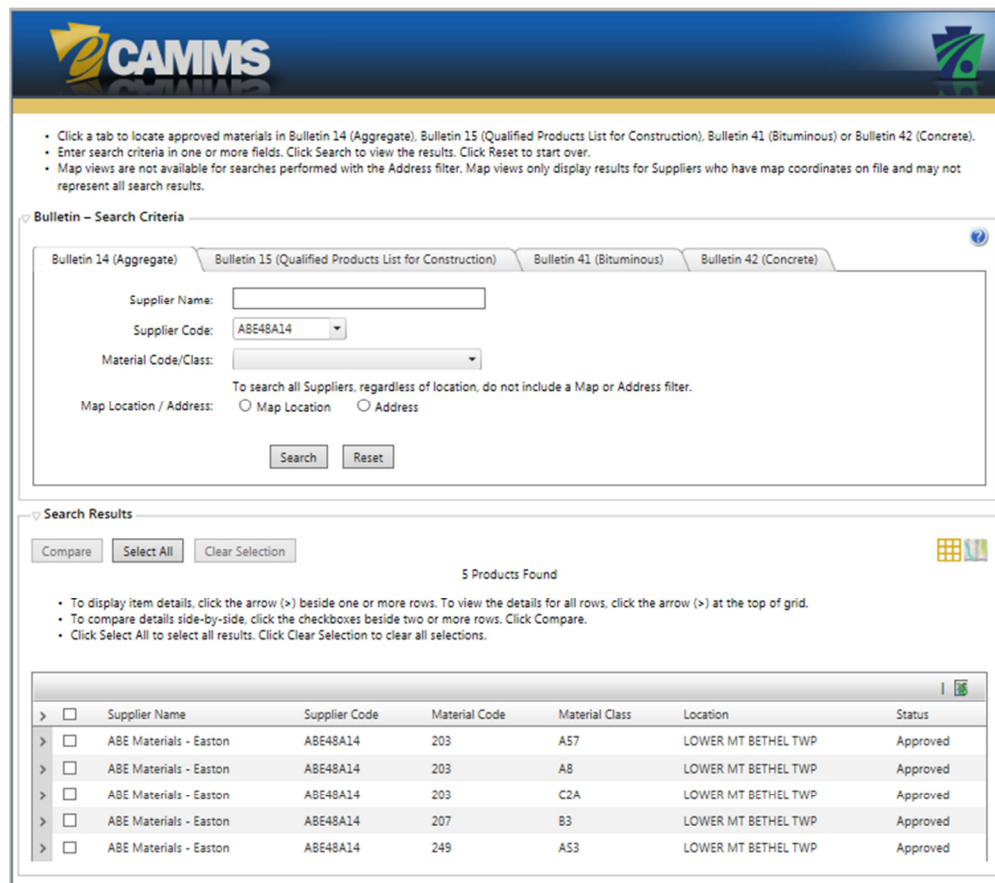
The results of the search display only the approved suppliers that have submitted a geographic location to PennDOT for mapping purposes. Not all suppliers have provided this information. Use the **Address** search to locate all suppliers.

---



## Viewing the Bulletin 14 Search Results

After selecting the criteria, click **Search** to display the **Search Results** in the lower section of the page.



**Bulletin – Search Criteria**

Bulletin 14 (Aggregate) | Bulletin 15 (Qualified Products List for Construction) | Bulletin 41 (Bituminous) | Bulletin 42 (Concrete)

Supplier Name:

Supplier Code:

Material Code/Class:

To search all Suppliers, regardless of location, do not include a Map or Address filter.

Map Location / Address: ☐ Map Location ☐ Address

---

**Search Results**


5 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

>	<input type="checkbox"/>	Supplier Name	Supplier Code	Material Code	Material Class	Location	Status
>	<input type="checkbox"/>	ABE Materials - Easton	ABE48A14	203	A57	LOWER MT BETHEL TWP	Approved
>	<input type="checkbox"/>	ABE Materials - Easton	ABE48A14	203	A8	LOWER MT BETHEL TWP	Approved
>	<input type="checkbox"/>	ABE Materials - Easton	ABE48A14	203	C2A	LOWER MT BETHEL TWP	Approved
>	<input type="checkbox"/>	ABE Materials - Easton	ABE48A14	207	B3	LOWER MT BETHEL TWP	Approved
>	<input type="checkbox"/>	ABE Materials - Easton	ABE48A14	249	A53	LOWER MT BETHEL TWP	Approved

The **Search Results** grid displays all producer products included in the search. Click a column heading to sort the list by its column.

Column Name
Supplier Name
Supplier Code
Material Code
Material Class
Location
Status

Click the map view icon  at the top of the grid to view the suppliers in the map.

Click the **Excel** icon to export the search results to a spreadsheet. Depending on your system settings, a Microsoft security message may appear. Click **Yes** to continue.

## Viewing Search Results Details

After displaying the **Search Results**, click the arrow beside one or more producer products to view full details.

**Search Results**

Compare Select All Clear Selection

5 Products Found

- To display item details, click the arrow (➤) beside one or more rows. To view the details for all rows, click the arrow (➤) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

Supplier Name	Supplier Code	Material Code	Material Class	Location	Status
➤ <input type="checkbox"/> ABE Materials - Easton	ABE48A14	203	A57	LOWER MT BETHEL TWP	Approved
<div> <div> <p>Approval Date: 3/6/2014</p> <p>Primary Address: ABE Materials - Easton P.O. Box 196 Skipack, PA 19474</p> <p>Phone Number: (215) 257-5188</p> <p>Lab Number: L14030034</p> </div> <div> <p>Physical Address:</p> <p>Fax Number:</p> <p>Restrictions:</p> </div> </div> <div> <p>Specific Gravity: 2.740</p> <p>Absorption: 0.62</p> <p>Alkali-Silica Reactivity (ASR) AASHTO T303:</p> <p>Uncompacted Voids:</p> <p>Rock Compositions &amp; Order Of Abundance: DO (Dolomite): 2 LS (Limestone): 1</p> <p>Los Angeles Abrasion: 19</p> <p>Crush Count % 1-Face:</p> <p>Thin &amp; Elongated Pieces (5:1):</p> </div> <div> <p>Bulk Specific Gravity: 2.724</p> <p>Sodium Sulfate Soundness: 1 %</p> <p>Alkali-Silica Reactivity (ASR) ASTM C 1293:</p> <p>Sand Equivalency:</p> <p>Skid Resistance Level Type: L</p> <p>Micro-Deval Loss:</p> <p>Crush Count % 2-Face:</p> </div>					

Additional aggregate details are displayed.

Field Name	Field Name
Approval Date	
Primary Address	Physical Address
Phone Number	Fax Number
Lab Number	Restrictions
Specific Gravity	Bulk Specific Gravity
Absorption	Sodium Sulfate Soundness
Alkali-Silica Reactivity (ASR) AASHTO T303	Alkali-Silica Reactivity (ASR) ASTM C1293
Uncompacted Voids	Sand Equivalency
Rock Compositions & Order of Abundance	Skid Resistance Level Type
Los Angeles Abrasion	Micro-Deval Loss
Crust Count % 1-Face	Crust Count % 2-Face
Thin & Elongated Pieces (5:1)	

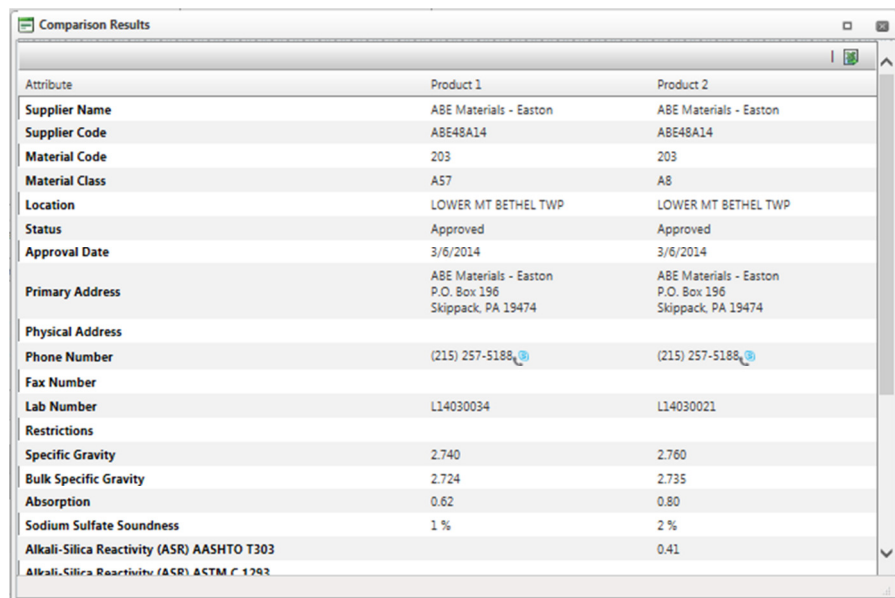
## Comparing Search Results

After displaying the **Search Results**, use the **Compare** option to view product information side by side.

Click two or more checkboxes next to the producer products to compare.

- To select all results on the current page, click the checkbox in the column heading at the top left of the grid or click **Select All**.
- Click **Clear Selection** to clear all selections on all pages.

Click **Compare**. The **Comparison Results** window displays information for the selected producer products side-by-side. Each producer product appears in a separate column.

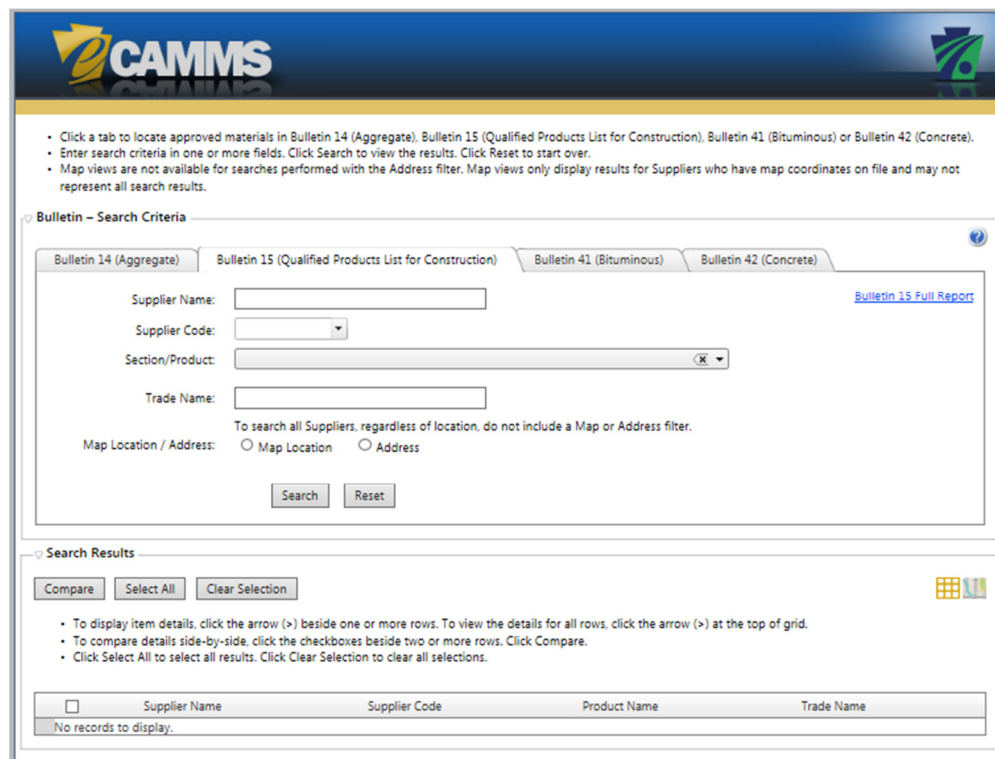


Attribute	Product 1	Product 2
Supplier Name	ABE Materials - Easton	ABE Materials - Easton
Supplier Code	ABE48A14	ABE48A14
Material Code	203	203
Material Class	A57	A8
Location	LOWER MT BETHEL TWP	LOWER MT BETHEL TWP
Status	Approved	Approved
Approval Date	3/6/2014	3/6/2014
Primary Address	ABE Materials - Easton P.O. Box 196 Skippack, PA 19474	ABE Materials - Easton P.O. Box 196 Skippack, PA 19474
Physical Address		
Phone Number	(215) 257-5188	(215) 257-5188
Fax Number		
Lab Number	L14030034	L14030021
Restrictions		
Specific Gravity	2.740	2.760
Bulk Specific Gravity	2.724	2.735
Absorption	0.62	0.80
Sodium Sulfate Soundness	1 %	2 %
Alkali-Silica Reactivity (ASR) AASHTO T303		0.41
Alkali-Silica Reactivity (ASR) ASTM C 1293		

Use the page controls and scroll bars as needed to view the information.

## Bulletin 15 (Qualified Products List for Construction) Search

After opening the **eCAMMS Bulletin Search**, click the **Bulletin 15 (Qualified Products List for Construction)** tab to display the **Search Criteria** fields.



The screenshot shows the eCAMMS Bulletin Search interface. At the top, there's a header with the eCAMMS logo and a navigation bar with tabs for Bulletin 14 (Aggregate), Bulletin 15 (Qualified Products List for Construction), Bulletin 41 (Bituminous), and Bulletin 42 (Concrete). The Bulletin 15 tab is selected. Below the tabs, there's a section titled "Bulletin - Search Criteria" containing several input fields: "Supplier Name" (text box), "Supplier Code" (dropdown menu), "Section/Product" (dropdown menu with a search icon), and "Trade Name" (text box). There are also radio buttons for "Map Location / Address" with options "Map Location" and "Address". A "Search" button and a "Reset" button are at the bottom of this section. To the right of the "Section/Product" field, there's a link labeled "Bulletin 15 Full Report". Below the search criteria section, there's a "Search Results" section with buttons for "Compare", "Select All", and "Clear Selection". It also contains a list of instructions for using the search results. At the bottom, there's a table header with columns: "Supplier Name", "Supplier Code", "Product Name", and "Trade Name". The table currently displays "No records to display."

Use the screen to enter any combination of search criteria. Adding more search criteria will yield fewer and more relevant results. Click **Reset** at any time to clear the fields and enter new criteria.

Click the **Bulletin 15 Full Report** link to move directly to the PDF version.

## Defining the Bulletin 15 Search

Follow the steps below to define your search. Use the mouse or **Tab** key to move among the fields.

- 1. Supplier Name or Supplier Code.** Complete either field to locate suppliers. Leave the fields blank to include all.

<b>Supplier Name</b>	Text or Numeral	Type any combination of text in the field. Only <b>Supplier Names</b> containing the characters are included in the search results.
<b>Supplier Code</b>	Dropdown, Type-Ahead	Click the field and type a combination of characters in the <b>Supplier Code</b> . The dropdown displays available supplier codes. Click a code to select it.

- 2. Section/Product.** Use the field to restrict your search to one or more Publication 408 sections or products. Leave the field blank to include all.

<b>Section/Product</b>	Multiple Dropdown	Click the dropdown. Available Publication 408 Sections and their products appear. Click the plus sign to expand and display the tree. Click one or more checkboxes in any combination to restrict the search. <b>Type-Ahead Filter</b> Type any combination of letters or numerals to filter the list. Only the product names or Publication 408 sections containing the characters appear in the list. After using the filter, click one or more checkboxes in any combination to restrict the search.
------------------------	-------------------	---

- 3. Trade Name.** Use the field to restrict your search to locate products using the manufacturer's trade name. Type any combination of letters or numerals to restrict your search to products with trade names containing the characters. Leave the field blank to include all.
- 4. Address.** Click the **Address** button to search suppliers using the address stored in the eCAMMS database. All supplier records with address information that matches the criteria are included. Address fields appear to enable you to restrict your search. Leave the fields blank to include all.

<b>Address</b>	Text	Type any text in the field to restrict the search by supplier's street address.
<b>City</b>	Text	Type any text in the field to restrict the search by the supplier's city.
<b>State</b>	Dropdown	Click the <b>State</b> dropdown. Click a state to restrict the search.
<b>Zip/Postal</b>	Text	Type any text in the field to restrict the search by Zip code.
<b>Country</b>	Dropdown	Click the <b>Country</b> dropdown. Click a country to restrict the search.
<b>Responsible District</b>	Dropdown	Use the search to locate suppliers by assigned district. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.

### NOTE:

Using the **Address** option searches data fields only. The map view is deactivated.

5. **Map Location.** Click the **Map Location** button to search suppliers using the map locations they provided. Approved suppliers indicate their geographic location by latitude and longitude. Additional field appear to enable you to define the map search.

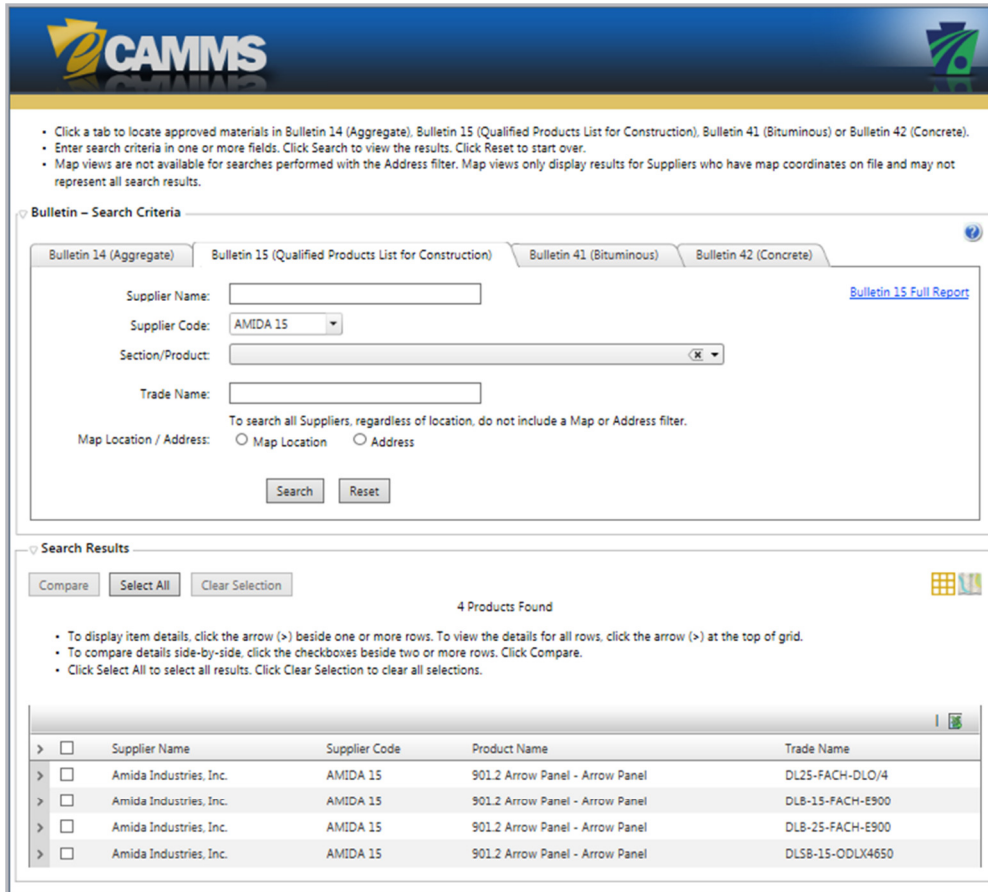
<b>District</b>	Button with Dropdown	Click the <b>District</b> button to locate mapped suppliers using the physical boundaries of the PennDOT district. The <b>District</b> dropdown appears. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.
<b>County</b>	Button with Dropdown	Use the <b>County</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>County</b> dropdown appears. Click the <b>County</b> dropdown. Click one or more checkboxes to restrict the search.
<b>Address</b>	Button with Dropdown and TextFields	Use the <b>Address</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>Search</b> dropdown and entry fields appear. The search locates all suppliers using a geographic distance (radius method). <b>Search:</b> Click the <b>Search</b> dropdown. Click the distance (in miles) and enter the street address to use as a center point of the search. <b>Address:</b> Enter the street address (required). <b>City:</b> Enter the city (required). <b>State:</b> Enter the state (required). <b>Zip/Postal:</b> Enter the Zip code or Zip+4 code.

**NOTE:**

The results of the search display only the approved suppliers that have submitted a geographic location to PennDOT for mapping purposes. Not all suppliers have provided this information. Use the **Address** search to locate all suppliers.

## Viewing the Bulletin 15 Search Results

After selecting the criteria, click **Search** to display the **Search Results** in the lower section of the page. Click **Reset** to clear the fields as needed to change your search.



**Bulletin - Search Criteria**

Bulletin 14 (Aggregate) | **Bulletin 15 (Qualified Products List for Construction)** | Bulletin 41 (Bituminous) | Bulletin 42 (Concrete)

Supplier Name:

Supplier Code:

Section/Product:

Trade Name:

To search all Suppliers, regardless of location, do not include a Map or Address filter.

Map Location / Address: ☐ Map Location ☐ Address

[Bulletin 15 Full Report](#)

---

**Search Results**


4 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

> <input type="checkbox"/>	Supplier Name	Supplier Code	Product Name	Trade Name
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DL25-FACH-DLO/4
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLB-15-FACH-E900
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLB-25-FACH-E900
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLSB-15-ODLX4650

The **Search Results** grid displays all producer products included in the search. Click a column heading to sort the list by its column.

Column Name
Supplier Name
Supplier Code
Product Name (Publication 408 section number and full product name)
Trade Name

Click the map view icon  at the top of the grid to view the suppliers in the map.

Click the **Excel** icon to export the search results to a spreadsheet. Depending on your system settings, a Microsoft security message may appear. Click **Yes** to continue.

## Viewing Search Results Details

After displaying the **Search Results**, click the arrow beside one or more producer products to view full details.

Click the arrow in the column heading to expand or collapse all detail views.

**Search Results**

Compare Select All Clear Selection

4 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

> <input type="checkbox"/>	Supplier Name	Supplier Code	Product Name	Trade Name
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DL25-FACH-DLO/4
<div> <div> <b>Primary Address:</b>  Amida Industries, Inc.  P. O. Box 3147  Rock Hill, SC 29731 </div> <div> <b>Physical Address:</b>  </div> </div> <div> <div> <b>Phone Number:</b> (803) 324-3011 </div> <div> <b>Fax Number:</b> </div> </div> <div> <div> <b>Status:</b> Active </div> <div> <b>Website:</b> </div> </div> <div> <div> <b>Approval:</b> Approved </div> <div> <b>Reference Number:</b> 1983-134 </div> </div> <div> <div> <b>Certification:</b> Level 1 </div> <div> <b>Certificate Of Approval:</b> </div> </div>				
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLB-15-FACH-E900
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLB-25-FACH-E900
> <input type="checkbox"/>	Amida Industries, Inc.	AMIDA 15	901.2 Arrow Panel - Arrow Panel	DLSB-15-ODLX4650

Additional product details are displayed.

Field Name	Field Name
Primary Address	Physical Address
Phone Number	Fax Number
Status	Website
Approval	Reference Number
Certification	Certificate of Approval
<b>Product Specific Information</b> Depending on the section and product, the detail view shows information about the product, such as color, size, usage, serial number, etc.	



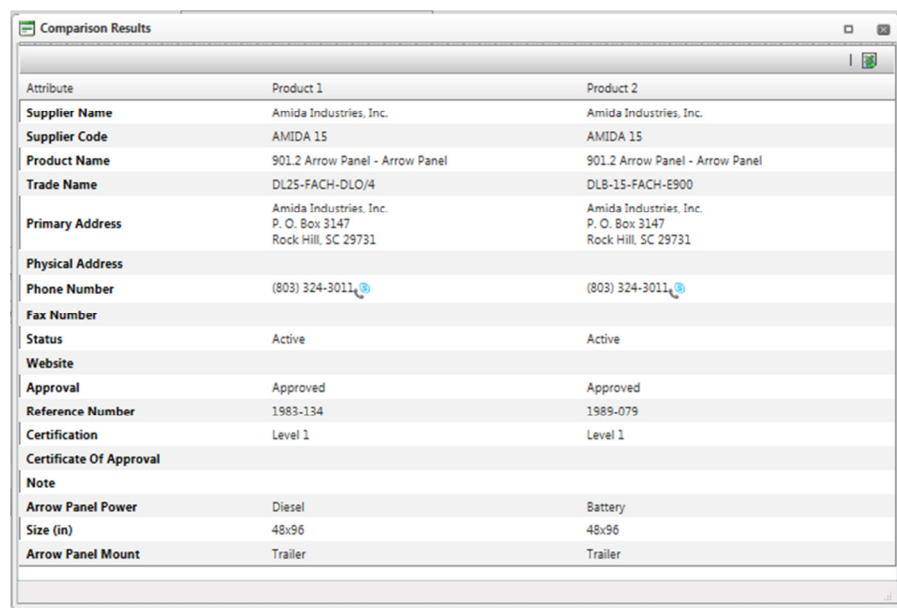
## Comparing Search Results

After displaying the **Search Results**, use the **Compare** option to view product information side by side.

Click two or more checkboxes next to the producer products to compare.

- To select all results on the current page, click the checkbox in the column heading at the top left of the grid or click **Select All**.
- Click **Clear Selection** to clear all selections on all pages.

Click **Compare**. The **Comparison Results** window displays information for the selected producer products side-by-side. Each producer product appears in a separate column.

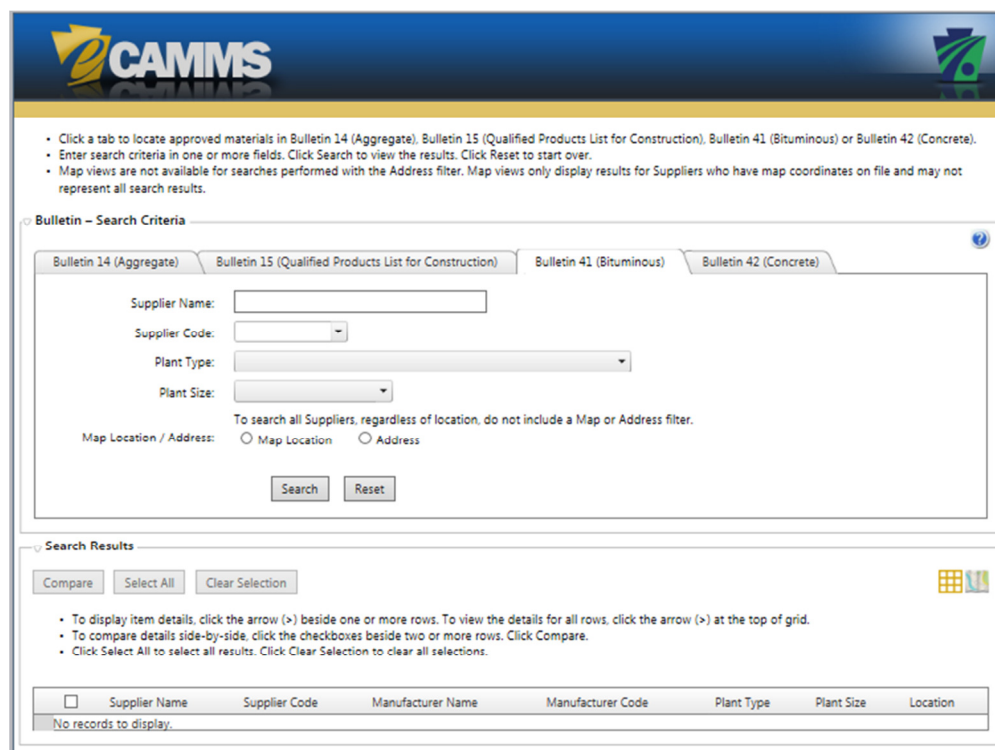


Attribute	Product 1	Product 2
<b>Supplier Name</b>	Amida Industries, Inc.	Amida Industries, Inc.
<b>Supplier Code</b>	AMIDA 15	AMIDA 15
<b>Product Name</b>	901.2 Arrow Panel - Arrow Panel	901.2 Arrow Panel - Arrow Panel
<b>Trade Name</b>	DL25-FACH-DLO/4	DLB-15-FACH-E900
<b>Primary Address</b>	Amida Industries, Inc. P. O. Box 3147 Rock Hill, SC 29731	Amida Industries, Inc. P. O. Box 3147 Rock Hill, SC 29731
<b>Physical Address</b>		
<b>Phone Number</b>	(803) 324-3011	(803) 324-3011
<b>Fax Number</b>		
<b>Status</b>	Active	Active
<b>Website</b>		
<b>Approval</b>	Approved	Approved
<b>Reference Number</b>	1983-134	1989-079
<b>Certification</b>	Level 1	Level 1
<b>Certificate Of Approval</b>		
<b>Note</b>		
<b>Arrow Panel Power</b>	Diesel	Battery
<b>Size (in)</b>	48x96	48x96
<b>Arrow Panel Mount</b>	Trailer	Trailer

Use the page controls and scroll bars as needed to view the information.

## Bulletin 41 (Bituminous) Search

After opening the **eCAMMS Bulletin Search**, click the **Bulletin 41 (Bituminous)** tab to display the **Search Criteria** fields.



• Click a tab to locate approved materials in Bulletin 14 (Aggregate), Bulletin 15 (Qualified Products List for Construction), Bulletin 41 (Bituminous) or Bulletin 42 (Concrete).  
• Enter search criteria in one or more fields. Click Search to view the results. Click Reset to start over.  
• Map views are not available for searches performed with the Address filter. Map views only display results for Suppliers who have map coordinates on file and may not represent all search results.

**Bulletin - Search Criteria**

Bulletin 14 (Aggregate)   Bulletin 15 (Qualified Products List for Construction)   **Bulletin 41 (Bituminous)**   Bulletin 42 (Concrete)

Supplier Name:   
 Supplier Code:   
 Plant Type:   
 Plant Size:   
 Map Location / Address: ☐ Map Location ☐ Address

To search all Suppliers, regardless of location, do not include a Map or Address filter.

**Search Results**

• To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.  
 • To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.  
 • Click Select All to select all results. Click Clear Selection to clear all selections.

<input type="checkbox"/>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
No records to display.							

Use the screen to enter any combination of search criteria. Adding more search criteria will yield fewer and more relevant results. Click **Reset** at any time to clear the fields and enter new criteria.

## Defining the Bulletin 41 Search

Follow the steps below to define your search. Use the mouse or **Tab** key to move among the fields.

1. **Supplier Name or Supplier Code.** Complete either field to locate suppliers. Leave the fields blank to include all.

<b>Supplier Name</b>	Text or Numeral	Type any combination of text in the field. Only <b>Supplier Names</b> containing the characters are included in the search results.
<b>Supplier Code</b>	Dropdown, Type-Ahead	Click the field and type a combination of characters in the <b>Supplier Code</b> . The dropdown displays available supplier codes. Click a code to select it.

2. **Plant Type.** Use the field to restrict your search by plant type. Leave the field blank to include all.

<b>Plant Type</b>	Dropdown	Click the dropdown. Click one or more checkboxes in any combination to restrict the search.
-------------------	----------	---

3. **Plant Size.** Use the field to restrict your search by plant size. Leave the field blank to include all.

<b>Plant Size</b>	Dropdown	Click the dropdown. Click one or more checkboxes in any combination to restrict the search.
-------------------	----------	---

4. **Address.** Click the **Address** button to search suppliers using the address stored in the eCAMMS database. All supplier records with address information that matches the criteria are included. Address fields appear to enable you to restrict your search. Leave the fields blank to include all.

<b>Address</b>	Text	Type any text in the field to restrict the search by supplier's street address.
<b>City</b>	Text	Type any text in the field to restrict the search by the supplier's city.
<b>State</b>	Dropdown	Click the <b>State</b> dropdown. Click a state to restrict the search.
<b>Zip/Postal</b>	Text	Type any text in the field to restrict the search by Zip code.
<b>Country</b>	Dropdown	Click the <b>Country</b> dropdown. Click a country to restrict the search.
<b>Responsible District</b>	Dropdown	Use the search to locate suppliers by assigned district. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.

### NOTE:

Using the **Address** option searches data fields only. The map view is deactivated.

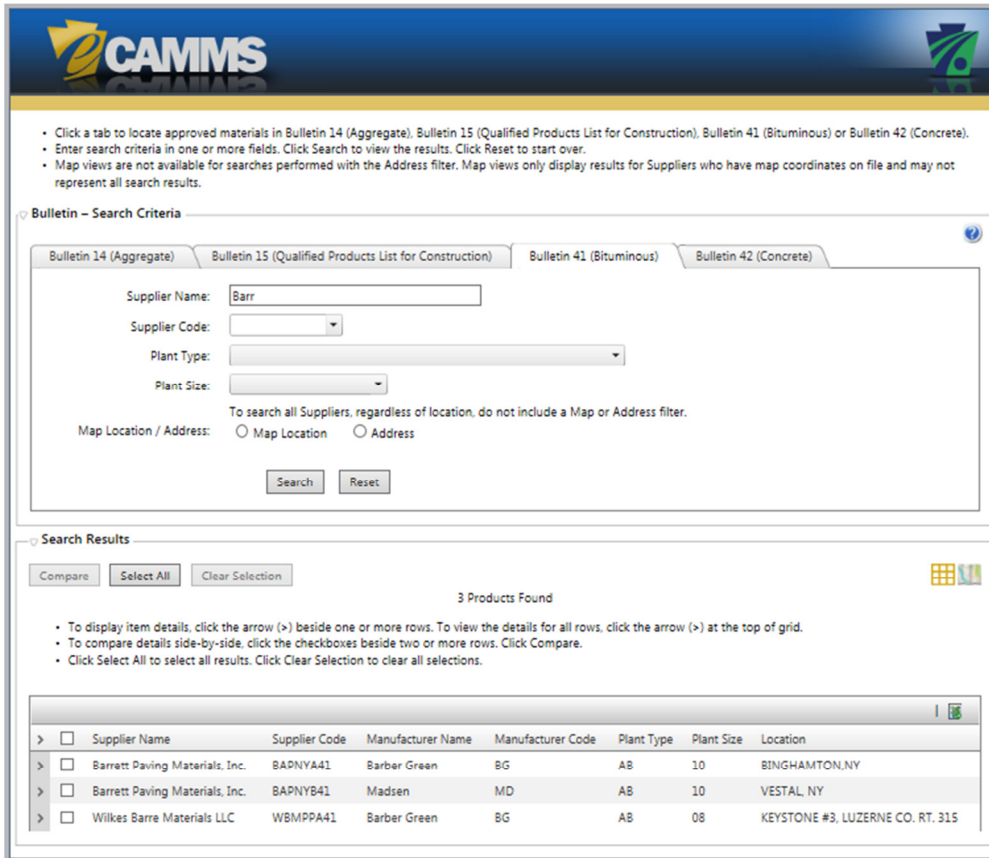
5. **Map Location.** Click the **Map Location** button to search suppliers using the map locations they provided. Approved suppliers indicate their geographic location by latitude and longitude. Additional fields appear to enable you to define the map search.

<b>District</b>	Button with Dropdown	Click the <b>District</b> button to locate mapped suppliers using the physical boundaries of the PennDOT district. The <b>District</b> dropdown appears. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.
<b>County</b>	Button with Dropdown	Use the <b>County</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>County</b> dropdown appears. Click the <b>County</b> dropdown. Click one or more checkboxes to restrict the search.
<b>Address</b>	Button with Dropdown and Text Fields	Use the <b>Address</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>Search</b> dropdown and entry fields appear. The search locates all suppliers using a geographic distance (radius method). <b>Search:</b> Click the <b>Search</b> dropdown. Click the distance (in miles) and enter the street address to use as a center point of the search. <b>Address:</b> Enter the street address (required). <b>City:</b> Enter the city (required). <b>State:</b> Enter the state (required). <b>Zip/Postal:</b> Enter the Zip code or Zip+4 code.

**NOTE:** The results of the search display only the approved suppliers that have submitted a geographic location to PennDOT for mapping purposes. Not all suppliers have provided this information. Use the **Address** search to locate all suppliers.

## Viewing Bulletin 41 Search Results

After selecting the criteria, click **Search** to display the **Search Results**.



**Bulletin – Search Criteria**

Bulletin 14 (Aggregate) | Bulletin 15 (Qualified Products List for Construction) | **Bulletin 41 (Bituminous)** | Bulletin 42 (Concrete)

Supplier Name:

Supplier Code:

Plant Type:

Plant Size:

To search all Suppliers, regardless of location, do not include a Map or Address filter.

Map Location / Address: ☐ Map Location ☐ Address

---

**Search Results**


3 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

>	<input type="checkbox"/>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
>	<input type="checkbox"/>	Barrett Paving Materials, Inc.	BAPNYA41	Barber Green	BG	AB	10	BINGHAMTON, NY
>	<input type="checkbox"/>	Barrett Paving Materials, Inc.	BAPNYB41	Madsen	MD	AB	10	VESTAL, NY
>	<input type="checkbox"/>	Wilkes Barre Materials LLC	WBMPPA41	Barber Green	BG	AB	08	KEYSTONE #3, LUZERNE CO. RT. 315

The **Search Results** grid displays all producer products included in the search. Click a column heading to sort the list by its column.

Column Name
Supplier Name
Supplier Code
Manufacturer Name
Manufacturer Code
Plant Type
Plant Size
Location

Click the map view icon  at the top of the grid to view the suppliers in the map.

Click the **Excel** icon to export the search results to a spreadsheet. Depending on your system settings, a Microsoft security message may appear. Click **Yes** to continue.

## Viewing Search Results Details

After displaying the **Search Results**, click the arrow beside one or more producer products to view full details.

Click the arrow in the column heading to expand or collapse all detail views.

**Search Results**

Compare Select All Clear Selection

3 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
>	<input type="checkbox"/> Barrett Paving Materials, Inc.	BAPNYA41	Barber Green	BG	AB	10	BINGHAMTON, NY
	<div>Approval Date: 4/17/2015</div> <div>Original Approval Date: 4/30/2008</div> <div>Primary Address: Barrett Paving Materials, Inc. P.O. Box 2368 Binghamton, NY 13902</div> <div>Physical Address:</div> <div>Phone Number: (607) 723-5367</div> <div>Fax Number:</div> <div>Status: Approved</div> <div>Plant Type: AB (Fully automated with recardation - Batch Mixing)</div> <div>Plant Size: 10</div>						
>	<input type="checkbox"/> Barrett Paving Materials, Inc.	BAPNYB41	Madsen	MD	AB	10	VESTAL, NY
>	<input type="checkbox"/> Wilkes Barre Materials LLC	WBMPPA41	Barber Green	BG	AB	08	KEYSTONE #3, LUZERNE CO. RT. 315

Additional bituminous details are displayed.

Field Name	Field Name
Approval Date	Original Approval Date
Primary Address	Physical Address
Phone Number	Fax Number
Status	
Plant Type	Plant Size

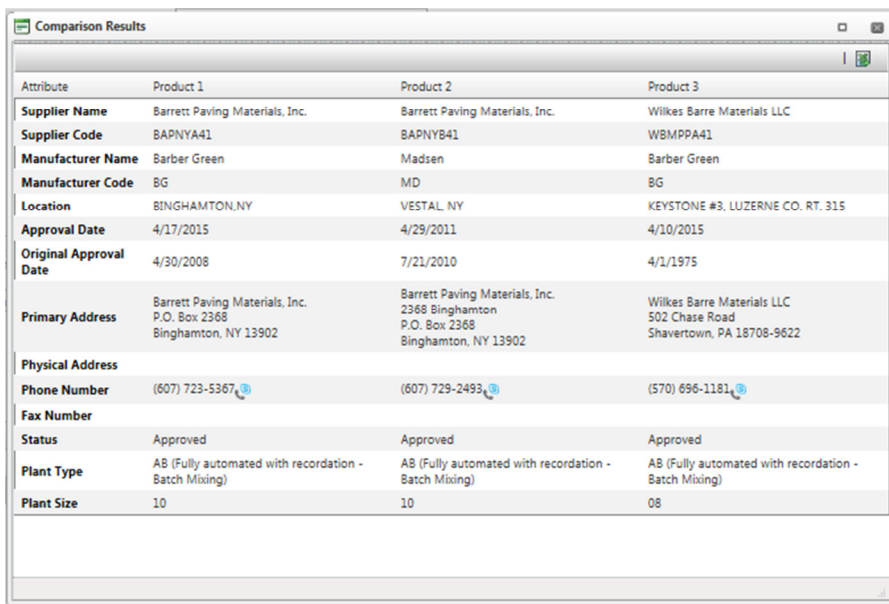
## Comparing Search Results

After displaying the **Search Results**, use the **Compare** option to view product information side by side.

Click two or more checkboxes next to the producer products to compare.

- To select all results on the current page, click the checkbox in the column heading at the top left of the grid or click **Select All**.
- Click **Clear Selection** to clear all selections on all pages.

Click **Compare**. The **Comparison Results** window displays information for the selected producer products side-by-side. Each producer product appears in a separate column.

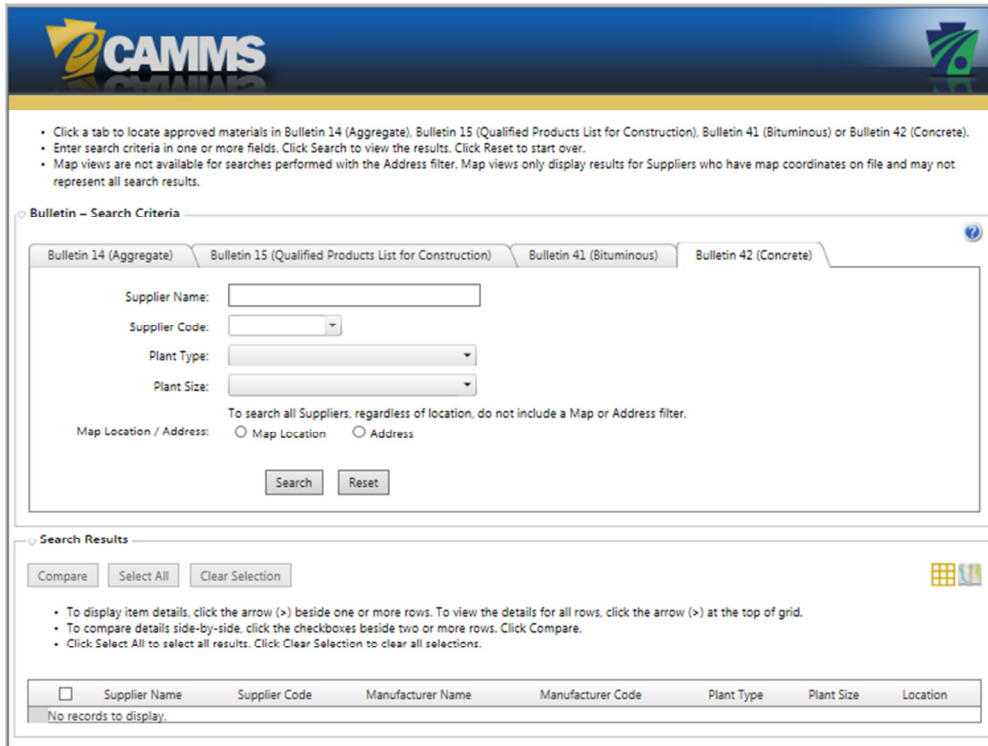


Attribute	Product 1	Product 2	Product 3
<b>Supplier Name</b>	Barrett Paving Materials, Inc.	Barrett Paving Materials, Inc.	Wilkes Barre Materials LLC
<b>Supplier Code</b>	BAPNYA41	BAPNYB41	WBMPPA41
<b>Manufacturer Name</b>	Barber Green	Madsen	Barber Green
<b>Manufacturer Code</b>	BG	MD	BG
<b>Location</b>	BINGHAMTON, NY	VESTAL, NY	KEYSTONE #3, LUZERNE CO. RT. 315
<b>Approval Date</b>	4/17/2015	4/29/2011	4/10/2015
<b>Original Approval Date</b>	4/30/2008	7/21/2010	4/1/1975
<b>Primary Address</b>	Barrett Paving Materials, Inc. P.O. Box 2368 Binghamton, NY 13902	Barrett Paving Materials, Inc. 2368 Binghamton P.O. Box 2368 Binghamton, NY 13902	Wilkes Barre Materials LLC 502 Chase Road Shavertown, PA 18708-9622
<b>Physical Address</b>			
<b>Phone Number</b>	(607) 723-5367	(607) 729-2493	(570) 696-1181
<b>Fax Number</b>			
<b>Status</b>	Approved	Approved	Approved
<b>Plant Type</b>	AB (Fully automated with recordination - Batch Mixing)	AB (Fully automated with recordination - Batch Mixing)	AB (Fully automated with recordination - Batch Mixing)
<b>Plant Size</b>	10	10	08

Use the page controls and scroll bars as needed to view the information.

## Bulletin 42 (Concrete) Search

After opening the **eCAMMS Bulletin Search**, click the **Bulletin 42 (Concrete)** tab to display the **Search Criteria** fields.



**eCAMMS**

- Click a tab to locate approved materials in Bulletin 14 (Aggregate), Bulletin 15 (Qualified Products List for Construction), Bulletin 41 (Bituminous) or Bulletin 42 (Concrete).
- Enter search criteria in one or more fields. Click Search to view the results. Click Reset to start over.
- Map views are not available for searches performed with the Address filter. Map views only display results for Suppliers who have map coordinates on file and may not represent all search results.

**Bulletin – Search Criteria**

Bulletin 14 (Aggregate) | Bulletin 15 (Qualified Products List for Construction) | Bulletin 41 (Bituminous) | **Bulletin 42 (Concrete)**

Supplier Name:

Supplier Code:

Plant Type:

Plant Size:

To search all Suppliers, regardless of location, do not include a Map or Address filter.

Map Location / Address: ☐ Map Location ☐ Address

**Search Results**

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

<input type="checkbox"/>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
No records to display.							

Use the screen to enter any combination of search criteria. Adding more search criteria will yield fewer and more relevant results. Click **Reset** at any time to clear the fields and enter new criteria.



## Defining the Bulletin 42 Search

Follow the steps below to define your search. Use the mouse or **Tab** key to move among the fields.

- 1. Supplier Name or Supplier Code.** Complete either field to locate suppliers. Leave the fields blank to include all.

<b>Supplier Name</b>	Text or Numeral	Type any combination of text in the field. Only <b>Supplier Names</b> containing the characters are included in the search results.
<b>Supplier Code</b>	Dropdown, Type-Ahead	Click the field and type a combination of characters in the <b>Supplier Code</b> . The dropdown displays available supplier codes. Click a code to select it.

- 2. Plant Type.** Use the field to restrict your search by plant type. Leave the field blank to include all.

<b>Plant Type</b>	Dropdown	Click the dropdown. Click one or more checkboxes in any combination to restrict the search.
-------------------	----------	---

- 3. Plant Size.** Use the field to restrict your search by plant size. Leave the field blank to include all.

<b>Plant Size</b>	Dropdown	Click the dropdown. Click one or more checkboxes in any combination to restrict the search.
-------------------	----------	---

- 4. Address.** Click the **Address** button to search suppliers using the address stored in the eCAMMS database. All supplier records with address information that matches the criteria are included. Address fields appear to enable you to restrict your search. Leave the fields blank to include all.

<b>Address</b>	Text	Type any text in the field to restrict the search by supplier's street address.
<b>City</b>	Text	Type any text in the field to restrict the search by the supplier's city.
<b>State</b>	Dropdown	Click the <b>State</b> dropdown. Click a state to restrict the search.
<b>Zip/Postal</b>	Text	Type any text in the field to restrict the search by Zip code.
<b>Country</b>	Dropdown	Click the <b>Country</b> dropdown. Click a country to restrict the search.
<b>Responsible District</b>	Dropdown	Use the search to locate suppliers by assigned district. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.

### NOTE:

Using the **Address** option searches data fields only. The map view is deactivated.

5. **Map Location.** Click the **Map Location** button to search suppliers using the map locations they provided. Approved suppliers indicate their geographic location by latitude and longitude. Additional field appear to enable you to define the map search.

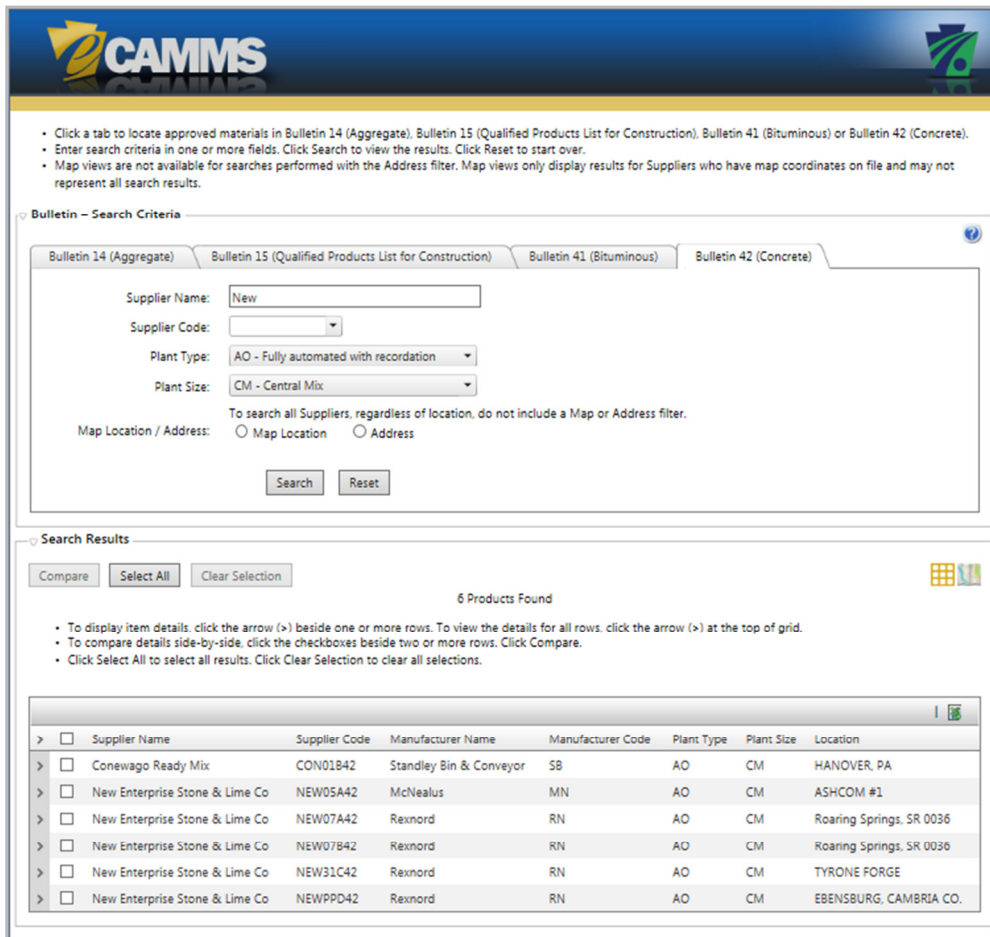
<b>District</b>	Button with Dropdown	Click the <b>District</b> button to locate mapped suppliers using the physical boundaries of the PennDOT district. The <b>District</b> dropdown appears. Click the <b>District</b> dropdown. Click one or more checkboxes to restrict the search.
<b>County</b>	Button with Dropdown	Use the <b>County</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>County</b> dropdown appears. Click the <b>County</b> dropdown. Click one or more checkboxes to restrict the search.
<b>Address</b>	Button with Dropdown and TextFields	Use the <b>Address</b> field to locate mapped suppliers using the physical boundaries of the Pennsylvania county. The <b>Search</b> dropdown and entry fields appear. The search locates all suppliers using a geographic distance (radius method). <b>Search:</b> Click the <b>Search</b> dropdown. Click the distance (in miles) and enter the street address to use as a center point of the search. <b>Address:</b> Enter the street address (required). <b>City:</b> Enter the city (required). <b>State:</b> Enter the state (required). <b>Zip/Postal:</b> Enter the Zip code or Zip+4 code.

**NOTE:**

The results of the search display only the approved suppliers that have submitted a geographic location to PennDOT for mapping purposes. Not all suppliers have provided this information. Use the **Address** search to locate all suppliers.

## Viewing Bulletin 42 Search Results

After selecting the criteria, click **Search** to display the **Search Results**.



**Bulletin - Search Criteria**

Bulletin 14 (Aggregate) | Bulletin 15 (Qualified Products List for Construction) | Bulletin 41 (Bituminous) | **Bulletin 42 (Concrete)**

Supplier Name:

Supplier Code:

Plant Type:

Plant Size:

Map Location / Address: ☐ Map Location ☐ Address

To search all Suppliers, regardless of location, do not include a Map or Address filter.

---

**Search Results**


6 Products Found

To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.  
To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.  
Click Select All to select all results. Click Clear Selection to clear all selections.

>	<input type="checkbox"/>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
>	<input type="checkbox"/>	Conewago Ready Mix	CON01B42	Standley Bin & Conveyor	SB	AO	CM	HANOVER, PA
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW05A42	McNealus	MN	AO	CM	ASHCOM #1
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW07A42	Rexnord	RN	AO	CM	Roaring Springs, SR 0036
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW07B42	Rexnord	RN	AO	CM	Roaring Springs, SR 0036
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW31C42	Rexnord	RN	AO	CM	TYRONE FORGE
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEWPPD42	Rexnord	RN	AO	CM	EBENSBURG, CAMBRIA CO.

The **Search Results** grid displays all producer products included in the search. Click a column heading to sort the list by its column.

Column Name
Supplier Name
Supplier Code
Manufacturer Name
Manufacturer Code
Plant Type
Plant Size
Location

Click the map view icon  at the top of the grid to view the suppliers in the map.

Click the **Excel** icon to export the search results to a spreadsheet. Depending on your system settings, a Microsoft security message may appear. Click **Yes** to continue.

## Viewing Search Results Details

After displaying the **Search Results**, click the arrow beside one or more producer products to view full details.

**Search Results**

Compare Select All Clear Selection

6 Products Found

- To display item details, click the arrow (>) beside one or more rows. To view the details for all rows, click the arrow (>) at the top of grid.
- To compare details side-by-side, click the checkboxes beside two or more rows. Click Compare.
- Click Select All to select all results. Click Clear Selection to clear all selections.

>	<input type="checkbox"/>	Supplier Name	Supplier Code	Manufacturer Name	Manufacturer Code	Plant Type	Plant Size	Location
>	<input type="checkbox"/>	Conewago Ready Mix	CON01842	Standley Bin & Conveyor	SB	AO	CM	HANOVER, PA
>	<input checked="" type="checkbox"/>	New Enterprise Stone & Lime Co	NEW05A42	McNealus	MN	AO	CM	ASHCOM #1
<div> <div>Approval Date: 3/23/2015</div> <div>Original Approval Date: 4/9/1991</div> </div> <div> <div>Primary Address: New Enterprise Stone &amp; Lime Co P. O. Box 77 New Enterprise, PA 16664</div> <div>Physical Address:</div> </div> <div> <div>Phone Number: (814) 766-2211</div> <div>Fax Number:</div> </div> <div> <div>Status: Approved</div> </div> <div> <div>Plant Type: AO (Fully automated with recodation)</div> <div>Plant Size: CM</div> </div>								
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW07A42	Rexnord	RN	AO	CM	Roaring Springs, SR 0036
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW07B42	Rexnord	RN	AO	CM	Roaring Springs, SR 0036
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEW31C42	Rexnord	RN	AO	CM	TYRONE FORGE
>	<input type="checkbox"/>	New Enterprise Stone & Lime Co	NEWPPD42	Rexnord	RN	AO	CM	EBENSBURG, CAMBRIA CO.

Click the arrow in the column heading to expand or collapse all detail views.

Additional concrete details are displayed.

Field Name	Field Name
Approval Date	Original Approval Date
Primary Address	Physical Address
Phone Number	Fax Number
Status	
Plant Type	Plant Size

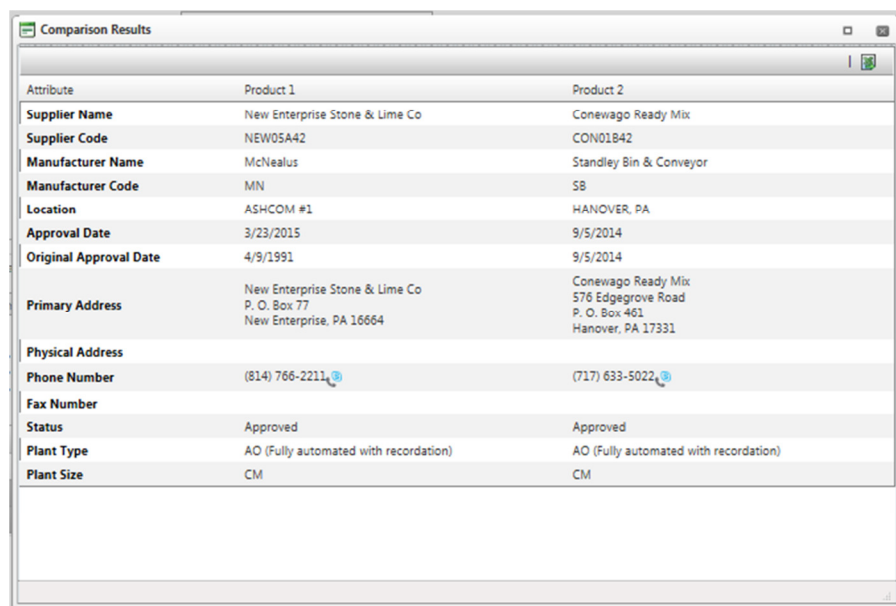
## Compare Search Results Window

After displaying the **Search Results**, use the **Compare** option to view product information side by side.

Click two or more checkboxes next to the producer products to compare.

- To select all results on the current page, click the checkbox in the column heading at the top left of the grid or click **Select All**.
- Click **Clear Selection** to clear all selections on all pages.

Click **Compare**. The **Comparison Results** window displays information for the selected producer products side-by-side. Each producer product appears in a separate column.



Attribute	Product 1	Product 2
<b>Supplier Name</b>	New Enterprise Stone & Lime Co	Conewago Ready Mix
<b>Supplier Code</b>	NEW05A42	CON01B42
<b>Manufacturer Name</b>	McNealus	Standley Bin & Conveyor
<b>Manufacturer Code</b>	MN	SB
<b>Location</b>	ASHCOM #1	HANOVER, PA
<b>Approval Date</b>	3/23/2015	9/5/2014
<b>Original Approval Date</b>	4/9/1991	9/5/2014
<b>Primary Address</b>	New Enterprise Stone & Lime Co P. O. Box 77 New Enterprise, PA 16664	Conewago Ready Mix 576 Edgegrove Road P. O. Box 461 Hanover, PA 17331
<b>Physical Address</b>		
<b>Phone Number</b>	(814) 766-2211	(717) 633-5022
<b>Fax Number</b>		
<b>Status</b>	Approved	Approved
<b>Plant Type</b>	AO (Fully automated with recordation)	AO (Fully automated with recordation)
<b>Plant Size</b>	CM	CM

Use the page controls and scroll bars as needed to view the information.

## Bulletin Search Map Display and Controls

The map is available to view search results for approved suppliers who submitted their geographic locations.

Not all suppliers have provided their latitude and longitude to PennDOT. If they did not, their locations will be searchable only with the **Address** search option.

The map view appears automatically when the **Map Location** search fields are used.

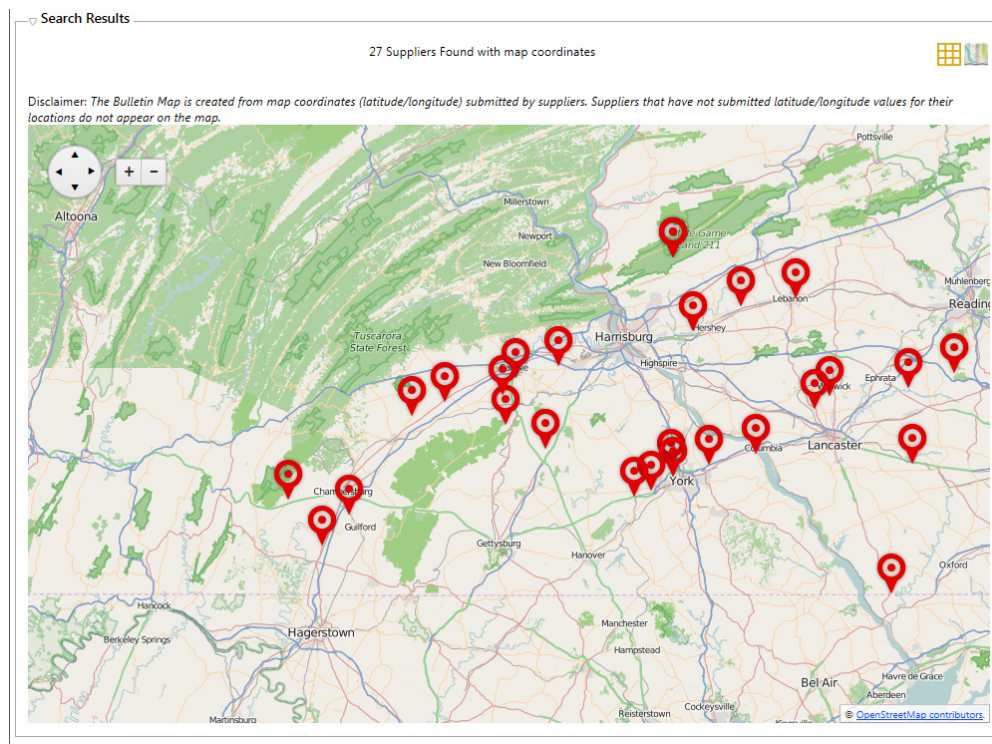
The map view is not available when using the standard **Address** database search.

From any **Search Results** grid, click the map icon  to display the interactive map.

The map shows all approved suppliers who have registered their geographic locations with PennDOT.

### Map Location Display (Standard)

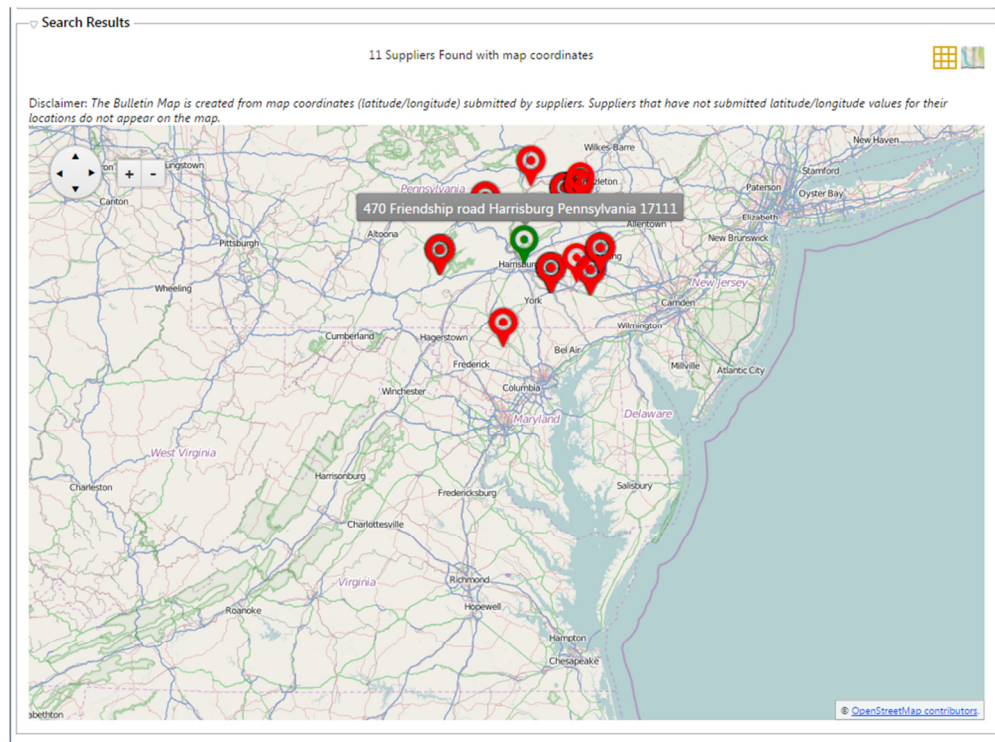
If you searched map locations using the **District** or **County** option, the **Search Results** display map points of all supplier locations included in your search.






## Map Location Display (Distance Search)

If you used the **Search** option to define a distance and an address, the **Search Results** display the selected address as a green map point. All supplier locations within the selected radius (in miles) appear as red map points.



## Map Options

Click the grid icon  to return to the standard data grid view and view details of all the mapped points.

Use the map controls to navigate the map.

Control	View
Map Point	Hover over any map point to view the supplier name and code.
Navigation Button	Click any area of the navigation button in the upper right to pan (move) the map in a specific direction.
Zoom Button (+   -)	Click the plus or minus sign to enlarge or reduce the map view.
Mouse Drag	Click and hold the mouse on the map. Drag in any direction to pan the map.
Mouse Zoom	Click the map. Use the mouse scroller to enlarge or reduce the map view.

## Supplier Latitude and Longitude Entry

The **eCAMMS Bulletin Search** results include an interactive map view. After locating suppliers, the map view will show each supplier as a map point.

Suppliers are responsible for entering and verifying their location coordinates for the **eCAMMS** map.

A new option enables supplier users to enter latitude and longitude coordinates for one or more of their supplier locations:

1. Log into **eCAMMS**.
2. Click **Tools > My Profile**.
3. Click the **Update Location** tab to display the new entry page.
4. Click the **Party** dropdown to display all available supplier parties. Click a party to select it. The **Address** appears for reference.
5. Enter the **Latitude** and **Longitude** in decimal format.
6. If needed, click the link to view the location on the map.
7. Continue to select parties and enter additional latitude and longitude values.
8. Click **Save** to save the entries.