



Landmarks

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Landmarks in OneView

A landmark or **geo-fence** is a virtual perimeter on a geographic area using a location-based service, so that when the geo-fencing device enters or exits the area a notification is generated. The notification can contain information about the location of the device and is sent back to OneView. Using landmarks is an important part of dispatching and shipments. It allows users of OneView to create a radius around places of work, customer's sites and secure areas. These geo-fences when crossed by an equipped vehicle or asset can trigger a warning or notification to the user or operator.

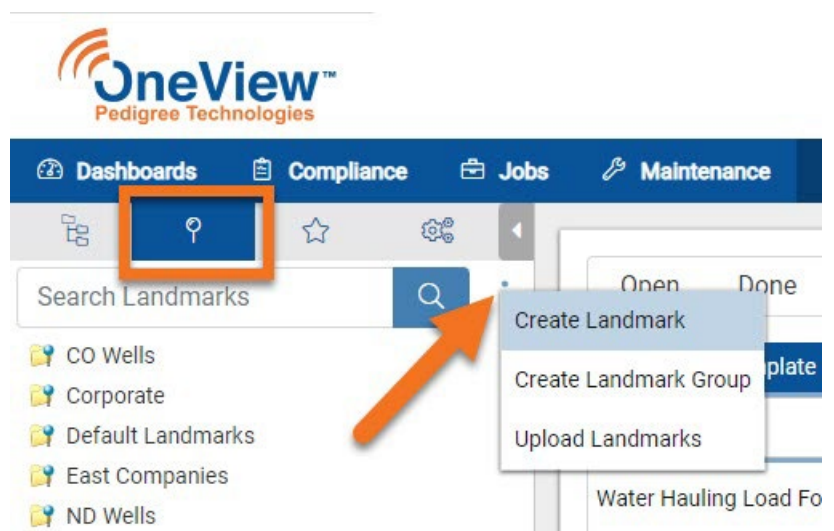
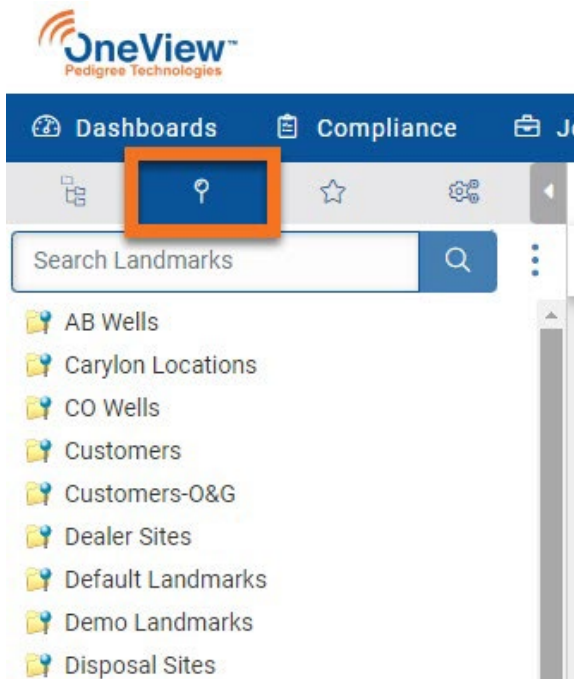
WHY SAVE LOCATIONS

It is helpful to save locations in OneView because it allows you to quickly identify common stop locations in Stop Reports or Landmarks Runtime Report. Saving locations will also allow you to view a map with saved locations and will provide quick access to common locations when using Jobs or uploading fuel purchases from the tablet.

OneView provides the user with the ability to enter a single landmark or complete an upload of all landmarks at once. The following instructions will demonstrate how to do both.

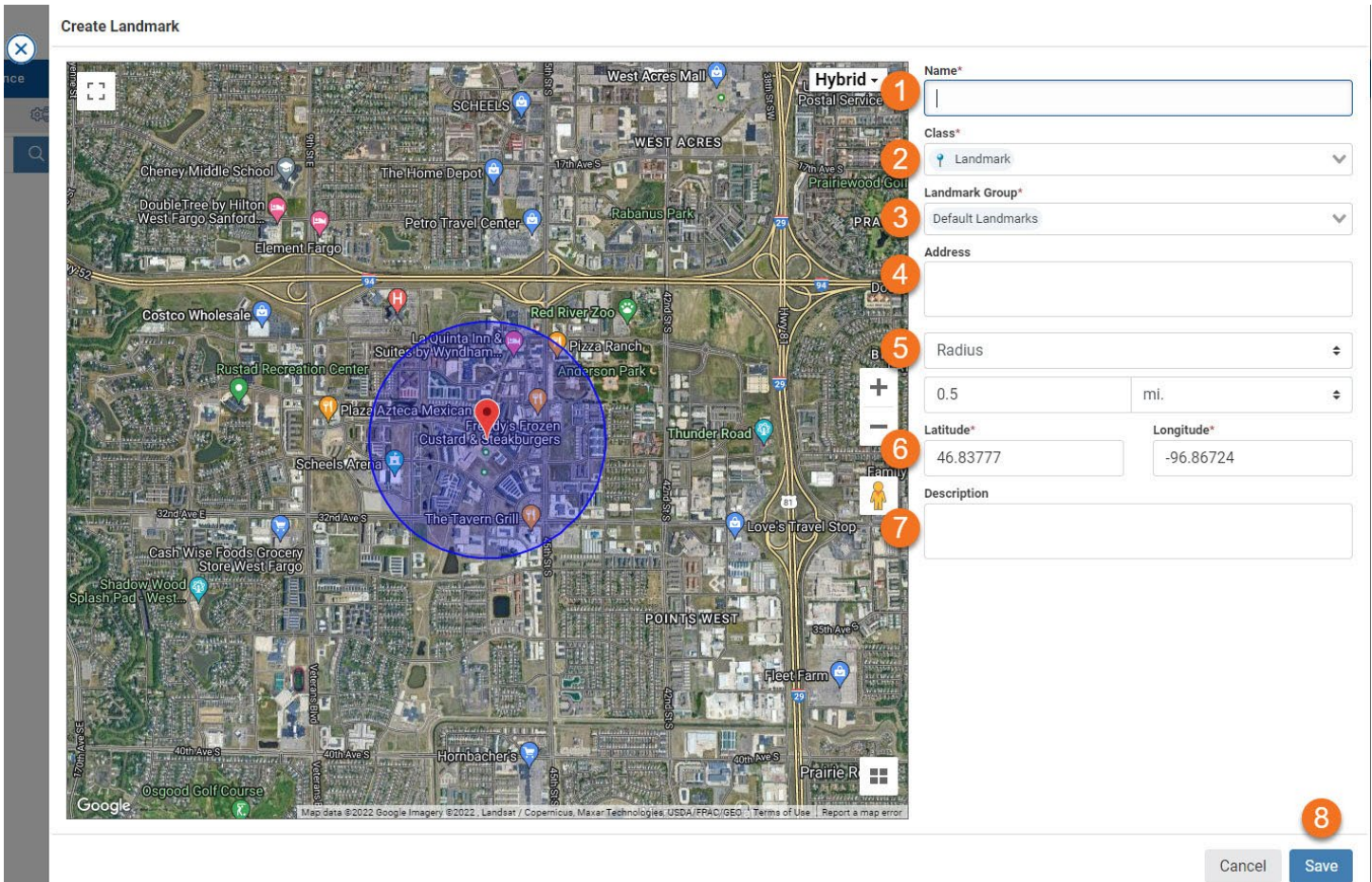
How to Enter a Single Landmark

1. Click the **Pin** tab of the asset tree.
2. Click the **dropdown icon** on the right side and click on **Create Landmark**.



3. Complete the required* information in the Create Landmark dialog box.

1. **Name:** Name of the landmark



Create Landmark

Name*

Class*

Landmark Group*

Address

Radius

Latitude*

Longitude*

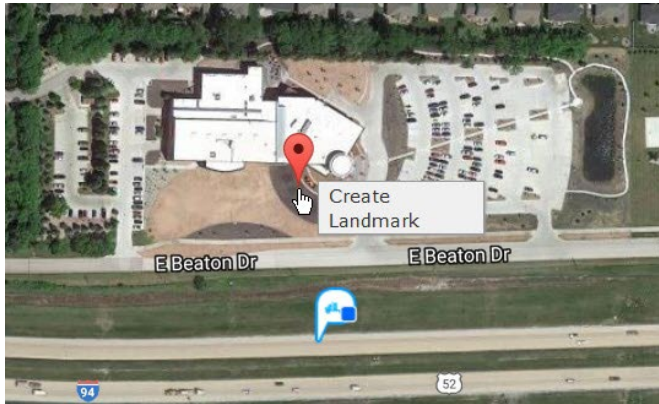
Description

Cancel Save

2. **Class:** Leave this as Landmark or change to a custom actor class (see p.9).
3. **Group:** Select which landmark group to add this landmark to. Landmark groups are the folders that you have created to organize your landmarks. **Note:** Create Landmark Group is only available to Admin users.
4. **Address:** Address of the landmark (**Note:** Address does not need to be filled in. You can leave this blank and use the Latitude and Longitude below the map by dragging and dropping the pin to the location on the map.)
5. **Radius/Polygon drop-down:**
 - i. Radius- a basic circle geo-fence with the size defined by the distance entered.
 - ii. Polygon- allows user to click and draw the perimeter around the location.
6. **Latitude and Longitude:** Moving the pin on the map will adjust the latitude and longitude values or they may be entered manually.
7. **Description:** Landmark description (**Note:** This is not a required field)
8. **Save**

Right Click on Map to Add Single Landmark

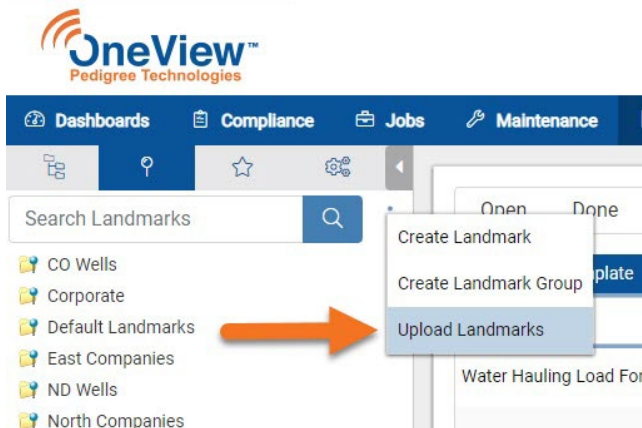
1. Right click on any map and choose Create Landmark. (**Note:** do not right click on the asset flag if creating a landmark near an asset).



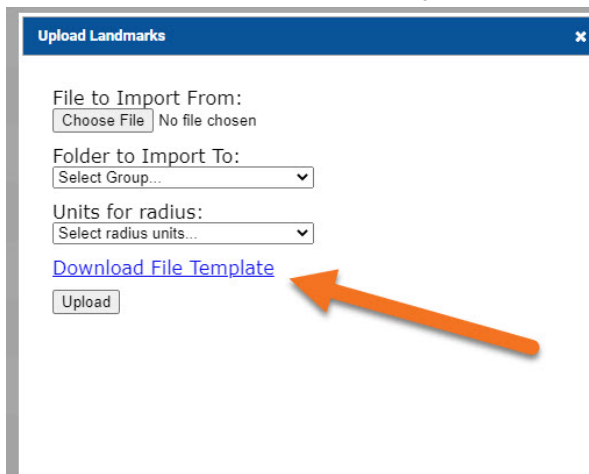
2. Enter the Landmark information as noted in the above section.

Upload Landmarks Using a Template

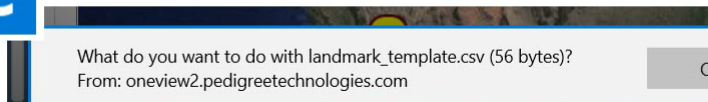
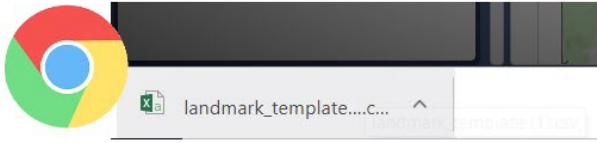
1. Click the Flag tab of the asset tree menu.
2. Click the dropdown arrow to select the Upload Landmarks option.



3. Click the link to download the **landmark template**.

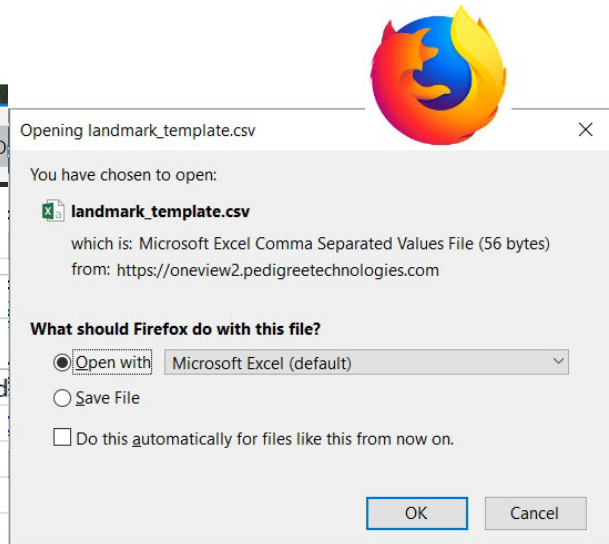


- Open the template in your spreadsheet program (like Microsoft Excel). See the images here to know where your document downloads to based on your browser.



- Enter all required landmark information into the template.

	A	B	C	D	E	
1	Name	Type	Address	Latitude	Longitude	Rad
2						
3						
4						
5						
6						

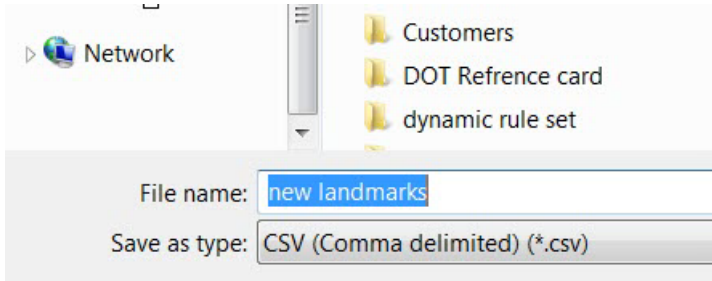


Example:

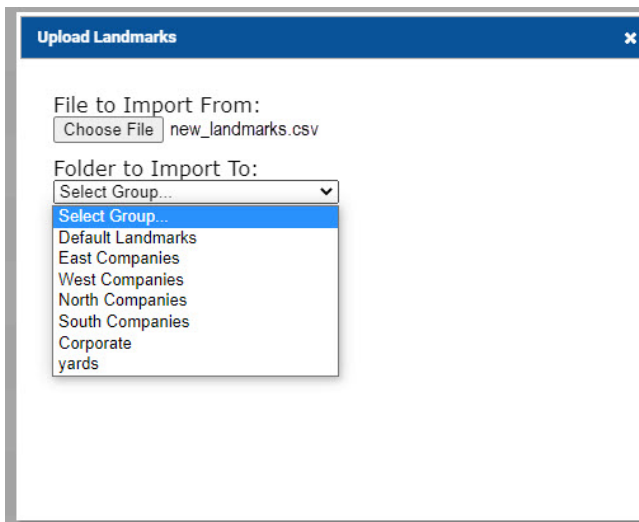
	A	B	C	D	E	F	G
1	Name	Type	Address	Latitude	Longitude	Radius	Description
2	Fargo Civic Center	Landmark	207 4th St N Fargo, ND 58102			0.05	Fargo Civic Center
3	Holiday Station	Landmark	2755 Brandt Drive S Fargo, ND 58104			0.05	Holiday Station
4	Flying J	Landmark	3150 39th St SW Fargo, ND 58104			0.1	
5							
6							

- Name:** add the name (required)
- Type:** add Landmark to each row (required)
- Address:** add the full address if using the address for upload
- Latitude:** use latitude if not using address
- Longitude:** use longitude if not using address
- Radius:** the distance of the radius (required) for your geo-fence (polygon is not an option for the upload). Add your distance in numbers. You will choose your unit of measure upon upload.
- Description:** add an optional description.

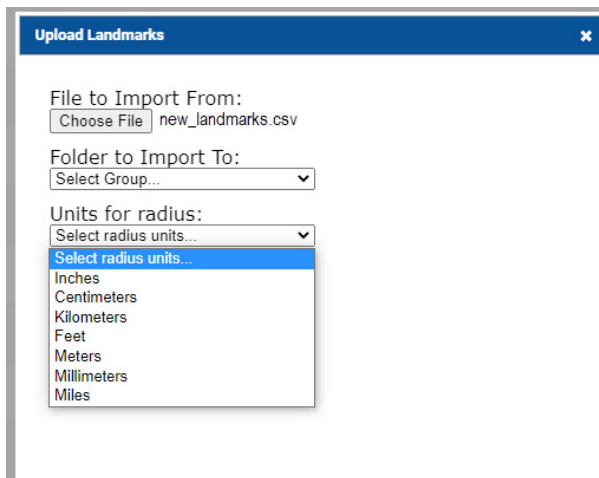
6. After the template is complete, it must be saved as a CSV file (comma delimited).
 - a. Click Save As
 - b. Entered the desired name for the document in the File name field.
 - c. Save As Type should be CSV.



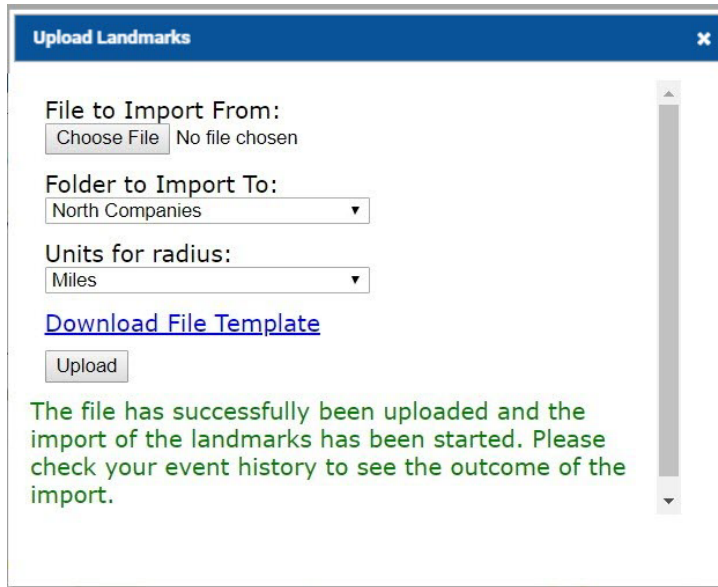
- d. Click save.
7. Click **Browse** in the **Upload Landmarks** dialog box to upload your saved document of landmarks.
8. Select which **Folder to import** the landmarks to. All landmarks in the spreadsheet will be uploaded into the same folder. Create a separate upload spreadsheet for each folder of assets you are adding.



9. Choose your **unit of measure for the radius** from the dropdown.



10. Click **Upload**.
11. If upload is successful, a **confirmation message** will display.



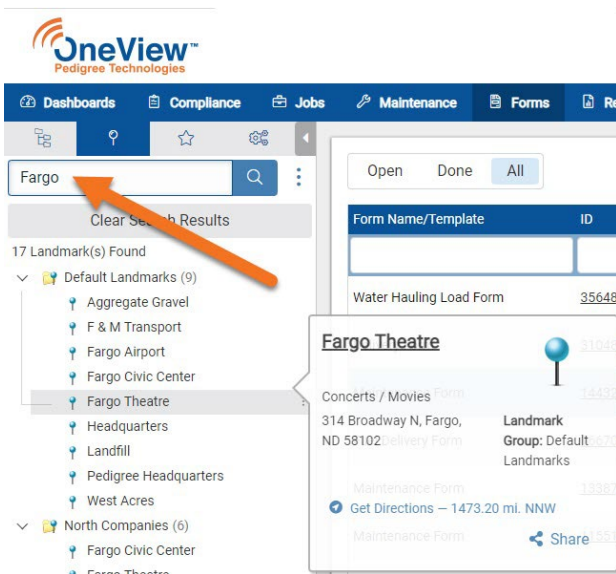
12. As stated in the confirmation message, check your event history to see the outcome of the import.

Adam Stills Landmarks Imported: 3

Mon 16 Apr 2018 11:26 AM

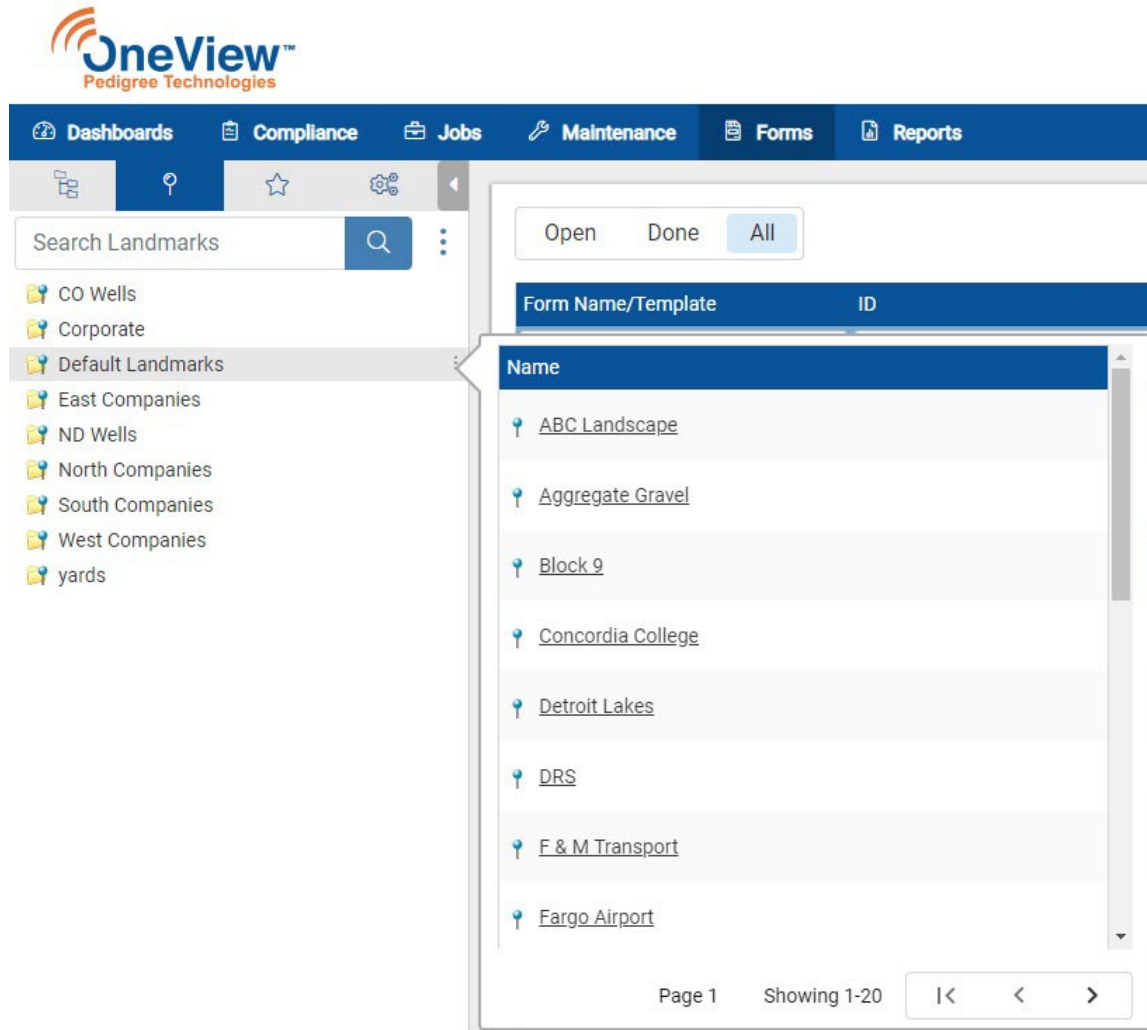
Search for a Landmark

1. Click the **Pin tab** of the asset tree menu.
2. Type the landmark name or keyword in to the **search blank** and hit Enter
3. The landmark folders will open revealing all landmarks that match your search.



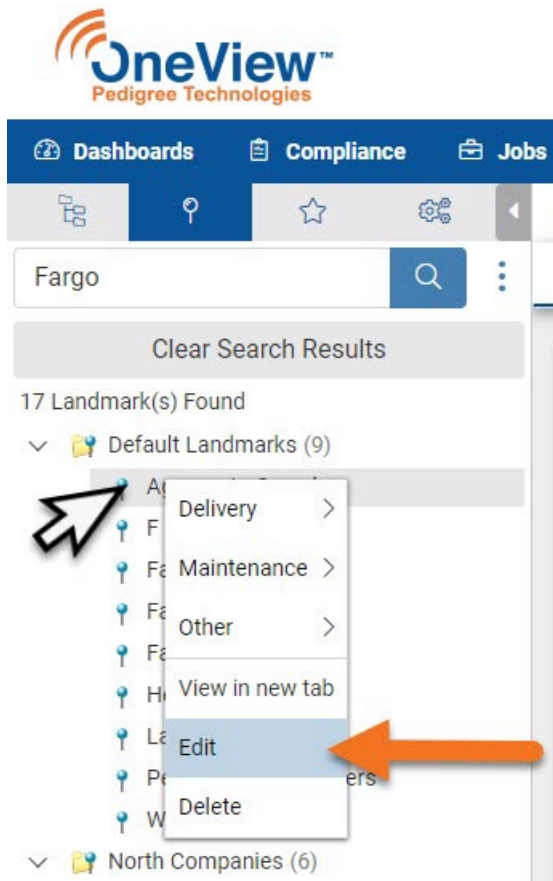
Hover Over Landmark Folder

1. Hover over a landmark folder to see a pop-up view of the first 20 landmarks in the folder.
2. Click on any landmark name in the hover box to go directly to that landmark.



Edit a Landmark

1. Click the **Pin tab** of the asset tree menu.
2. Type the name of the landmark in the search box and press enter.
3. The results will display all landmarks with criteria matching the information you typed in the search box.
4. Right click on the **appropriate landmark**.
5. Select the **edit button**.



- Complete any **needed edits** to the landmark and then **click Submit**.

The 'Edit Landmark' form is shown. It features a map of Lafayette, LA, with a blue circular radius around a red pin. The form fields are as follows:

- Name***: 112 Paradise St, Lafayette, LA 70501, USA
- Class**: Landmark
- Landmark Group**: Dealer Sites
- Address**: 112 Paradise St, Lafayette, LA 70501, USA
- Radius**: 10 mi
- Latitude***: 30.24361
- Longitude***: -92.02673
- Description**: Lafayette Trucks

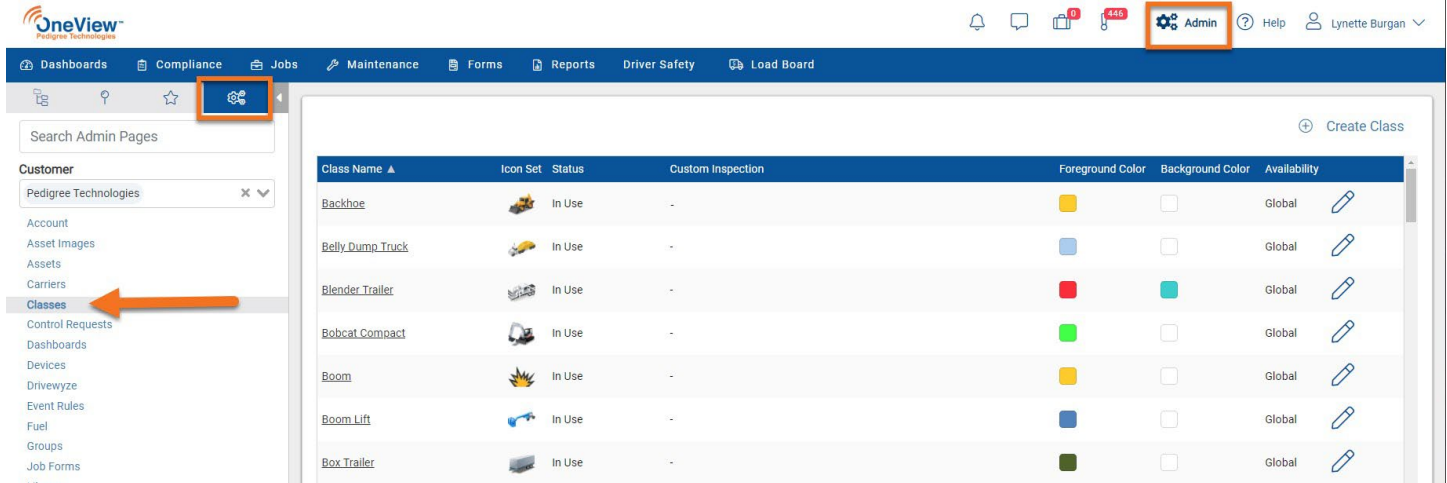
At the bottom right, there are 'Cancel' and 'Save' buttons.

- A confirmation, "Landmarked Saved" will display. Then click **close**.

Customize Landmark Pin Color (Admin Users Only)

Change the color of the landmark pin with custom actor classes. This would allow you to categorize the types of landmarks that you create, such as distinguishing between landmarks that are customers and landmarks that are vendors.

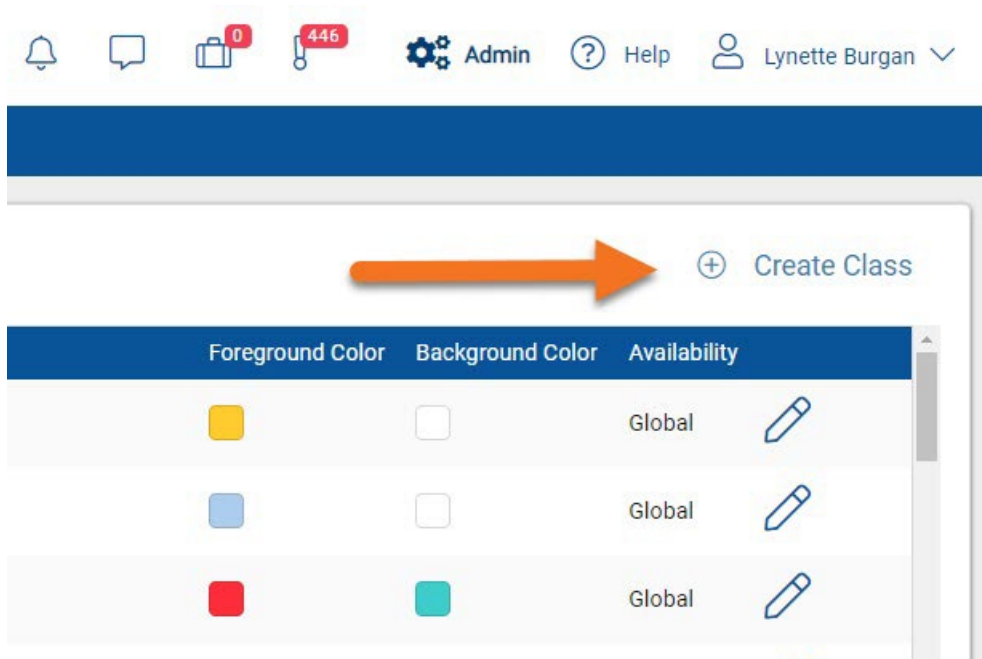
1. Choose the Admin Tab
2. Choose Classes



The screenshot shows the OneView Landmarks Admin interface. The left sidebar has a search bar and a list of admin pages. The 'Classes' page is selected, indicated by an orange arrow. The main content area displays a table of existing classes. In the top right corner of the main content area, the 'Create Class' button is highlighted with an orange box and an orange arrow.

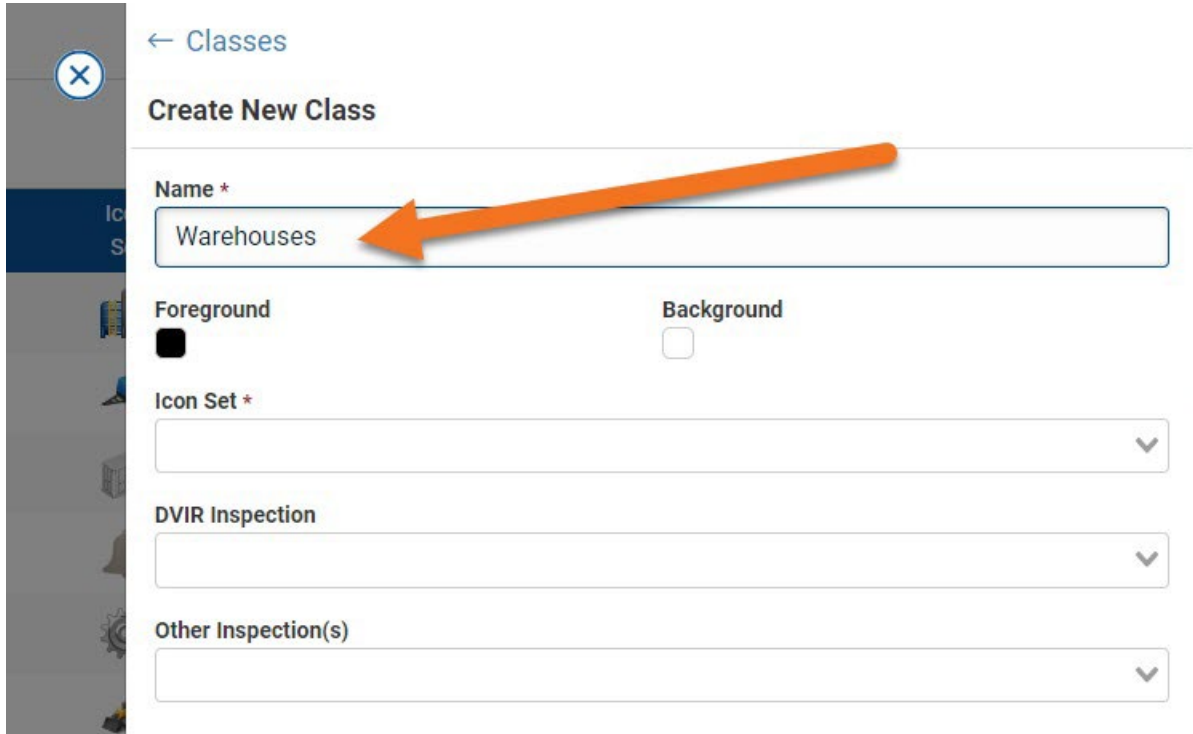
Class Name	Icon Set	Status	Custom Inspection	Foreground Color	Background Color	Availability
Backhoe		In Use	-	Yellow	White	Global
Belly Dump Truck		In Use	-	Blue	White	Global
Blender Trailer		In Use	-	Red	Teal	Global
Bobcat Compact		In Use	-	Green	White	Global
Boom		In Use	-	Yellow	White	Global
Boom Lift		In Use	-	Blue	White	Global
Box Trailer		In Use	-	Dark Green	White	Global

3. Choose Create Class at the top right



This close-up screenshot shows the top right corner of the OneView Landmarks Admin interface. The 'Create Class' button, represented by a plus sign in a circle followed by the text 'Create Class', is highlighted with an orange arrow.

4. Add the name of your new landmark actor class



← Classes

Create New Class

Name *

Warehouses

Foreground

☐

Background

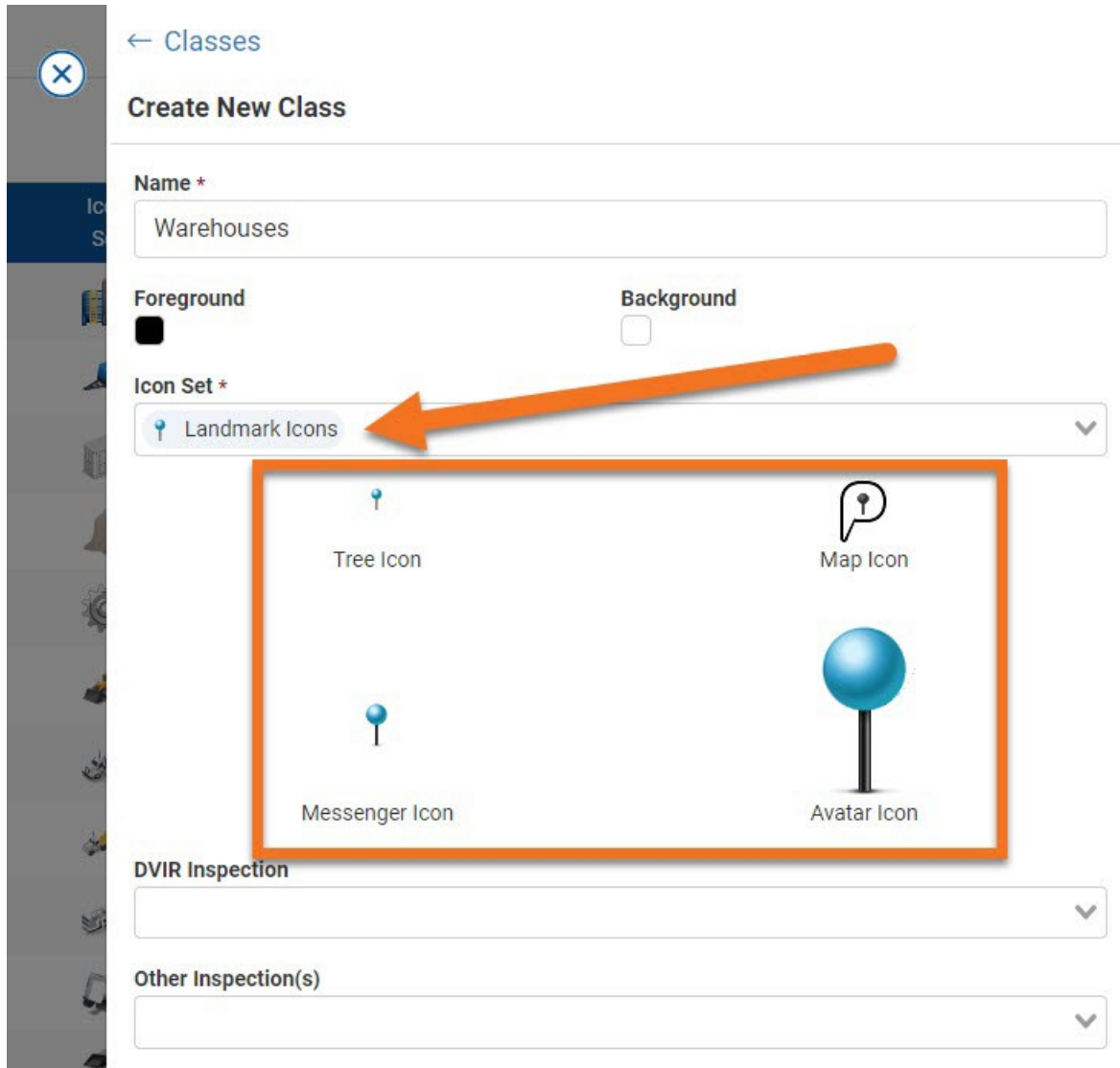
☐

Icon Set *

DVIR Inspection

Other Inspection(s)

5. Choose the Landmark Icons from the Icon Set drop down



← Classes

Create New Class

Name *

Warehouses

Foreground ☐ Background ☐

Icon Set *

Landmark Icons

Tree Icon

Map Icon

Messenger Icon

Avatar Icon

DVIR Inspection

Other Inspection(s)

6. Customize the map icon by clicking on the color boxes next to Background and Foreground. Choose the colors from the color chart that will appear.

← Classes

Create New Class

Name *

Warehouses

Foreground

Background

Foreground

Background

Name *

Warehouses

Foreground

Background

Icon Set *

Landmark Icons

Tree Icon

Messenger Icon

Map Icon

Avatar Icon

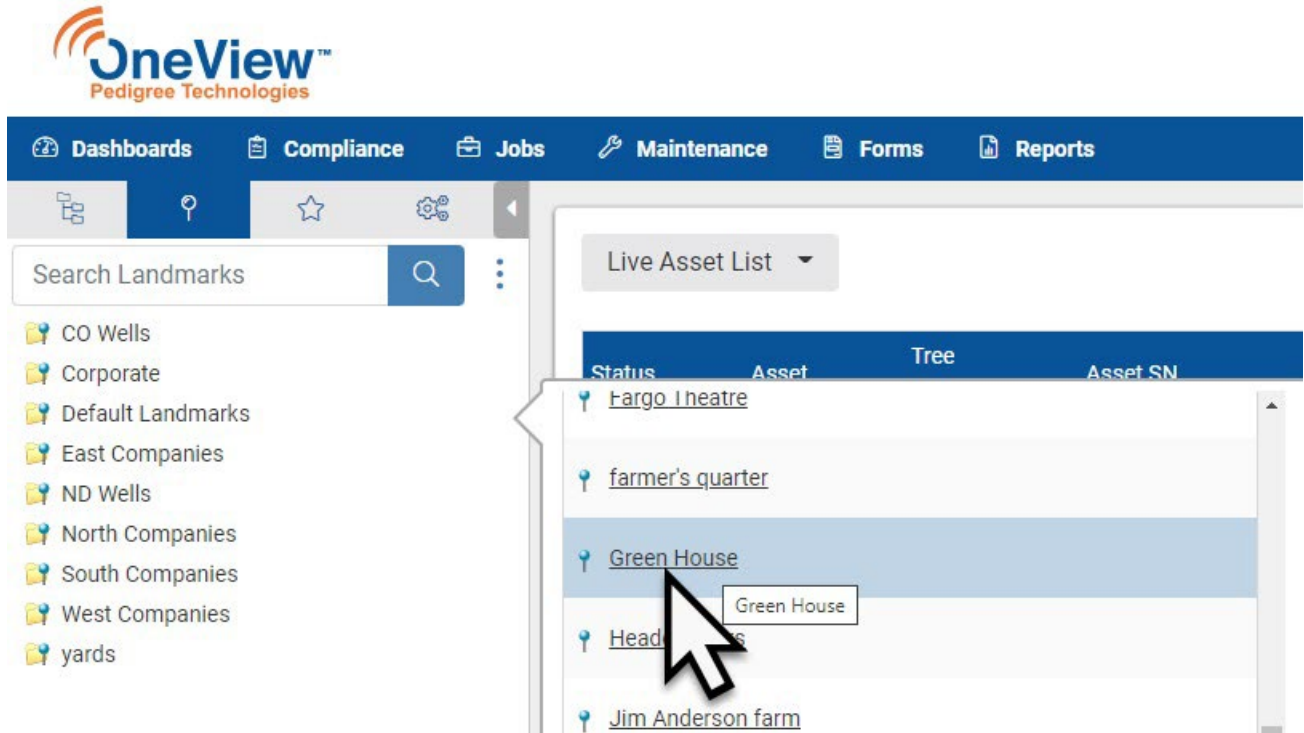
7. To save your new actor class, click Submit.

Assign the New Landmark Actor Class

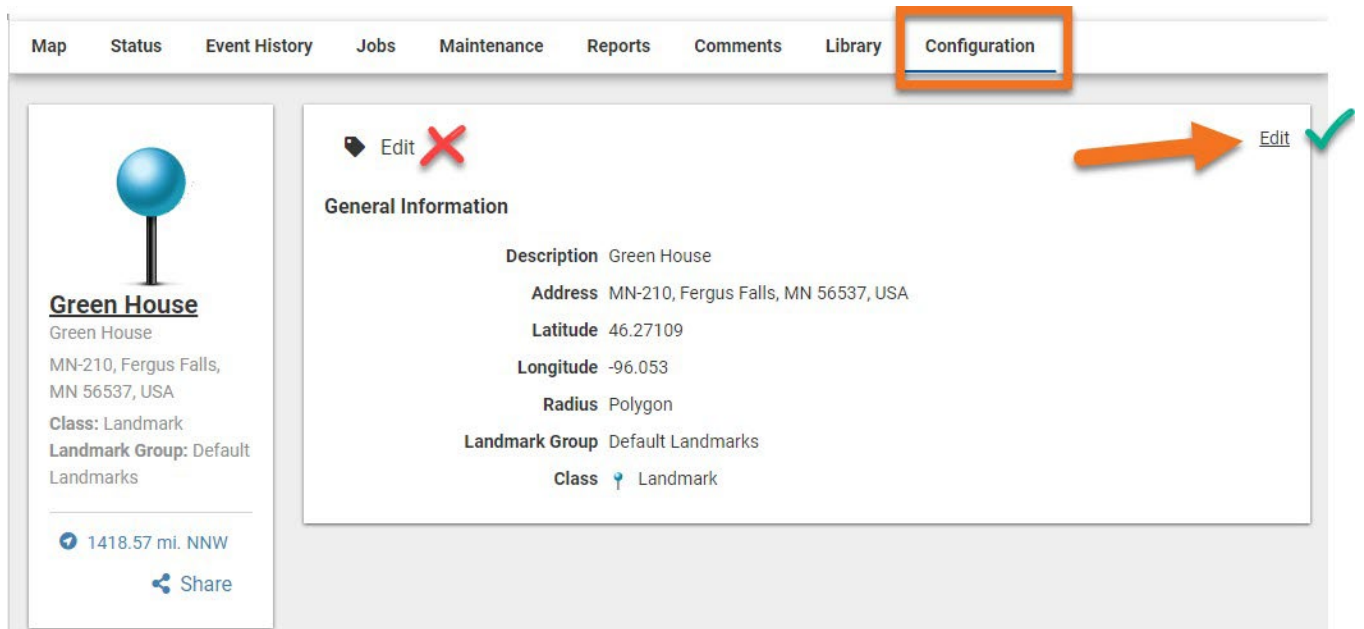
To assign the new actor class to an existing landmark, go to the landmark customization page.

1. Choose the landmark flag at the top of the asset tree.

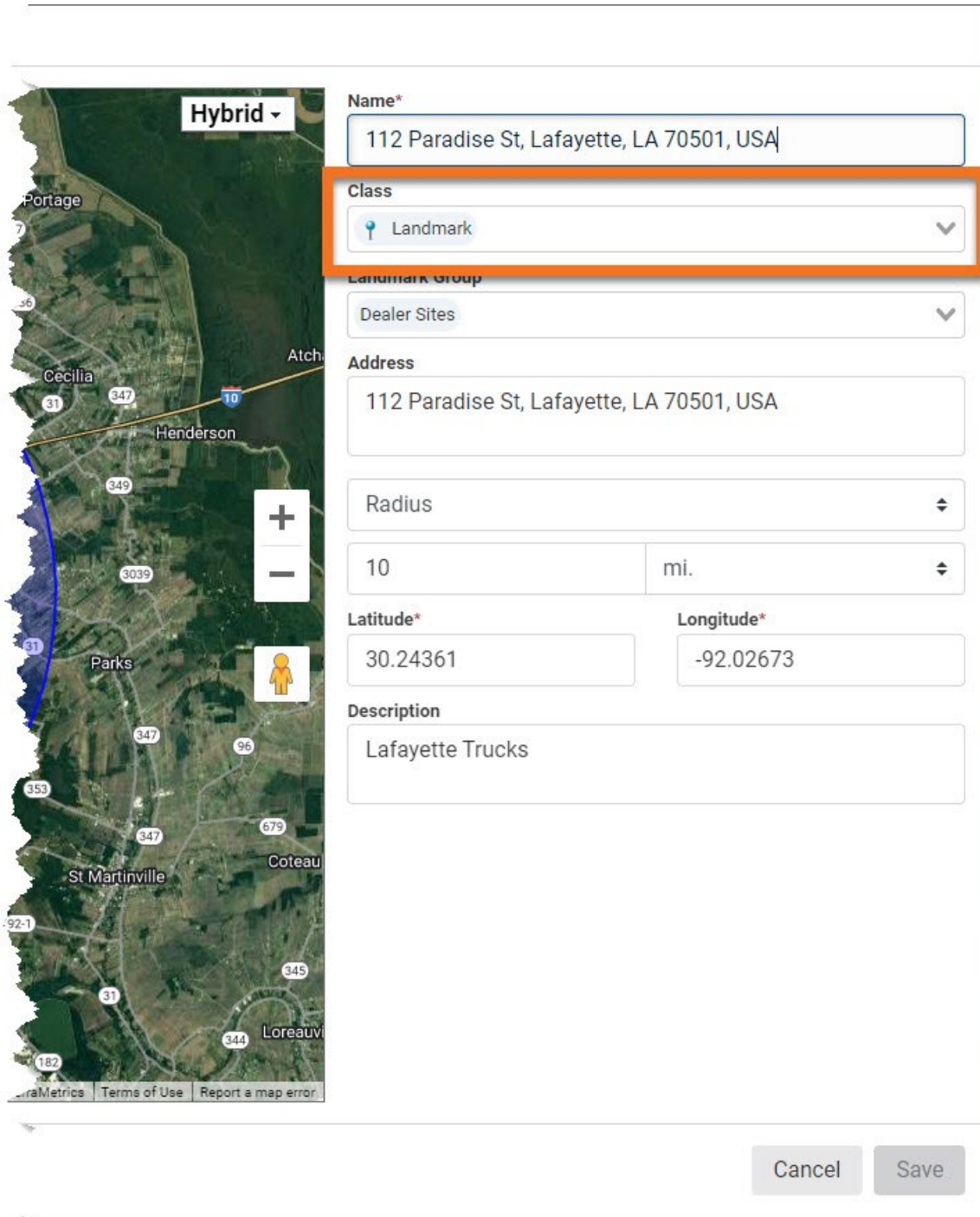
- Click on the land mark folder or hover over the landmark folder and choose the landmark you want to edit.



- Choose Configuration
- Choose the far right edit button (do not choose the tag edit button).



5. In the Edit Landmark window, click on the class field



Hybrid ▾

Name*

112 Paradise St, Lafayette, LA 70501, USA

Class

Landmark ▾

Landmark Group

Dealer Sites ▾

Address

112 Paradise St, Lafayette, LA 70501, USA

Radius ▾

10 mi. ▾

Latitude*

30.24361

Longitude*

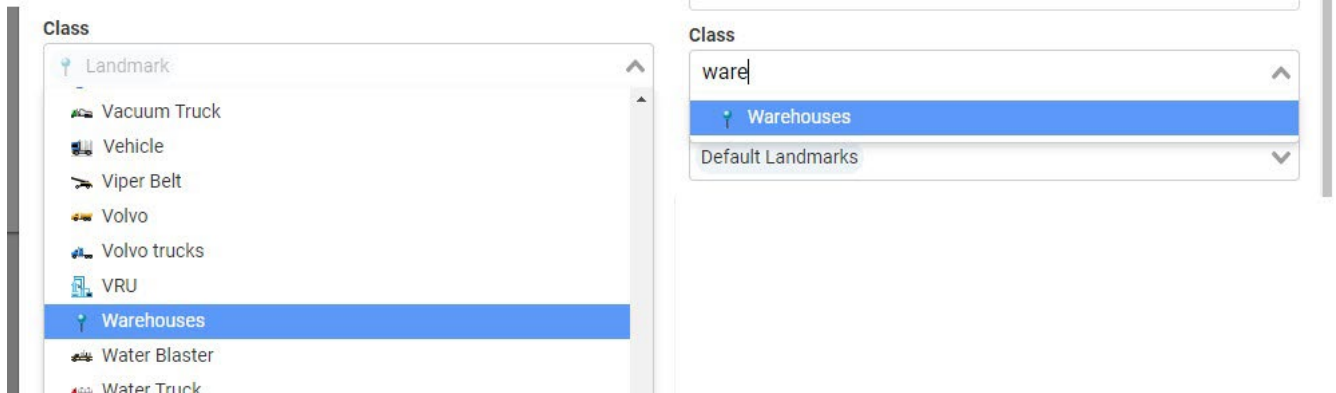
-92.02673

Description

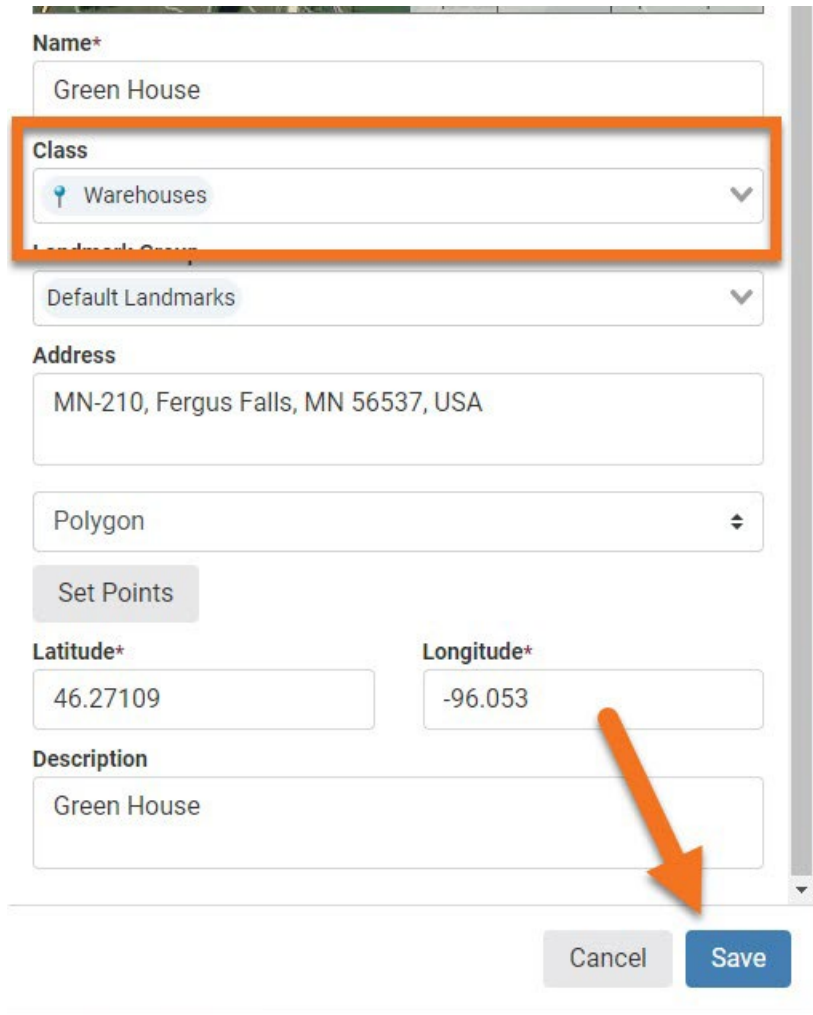
Lafayette Trucks

Cancel Save

- Find your newly created landmark class from the list of classes (or search for the name of your new class).



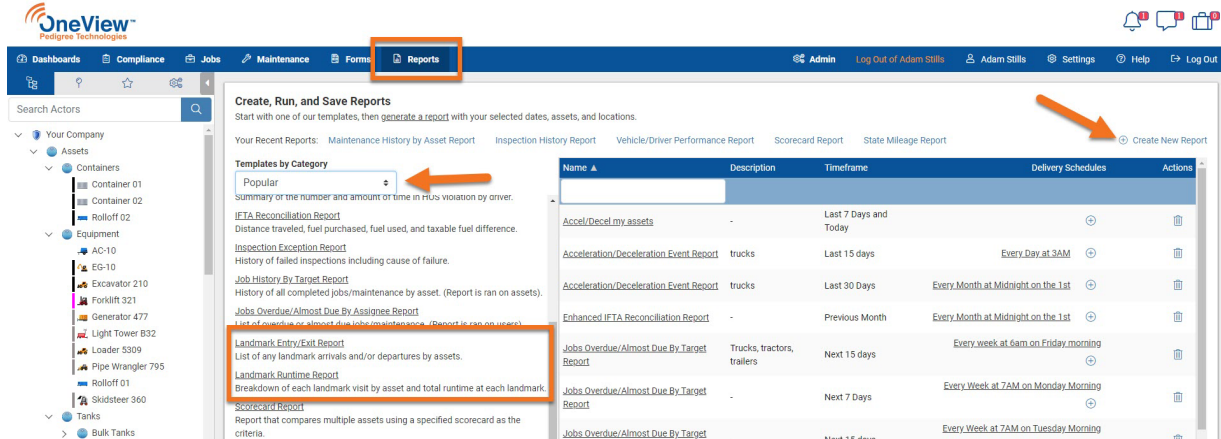
- After selecting your new class, then save at the bottom.



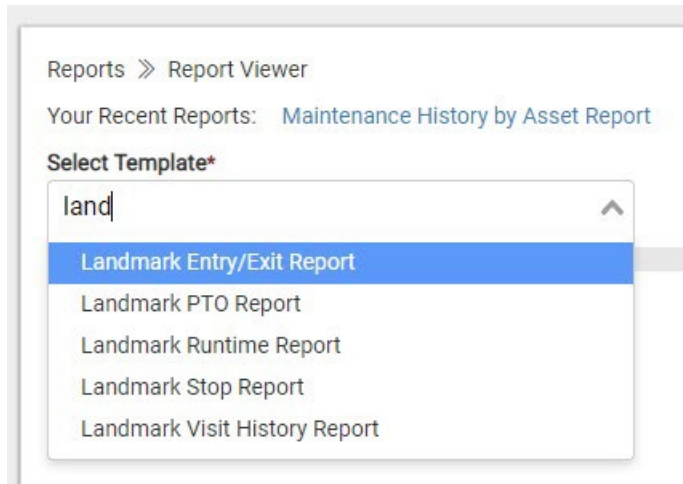
Landmark Reporting

You can pull reports on landmark entrances and exits, asset runtime at landmarks, landmark visits and other landmark activity through the reports tab.

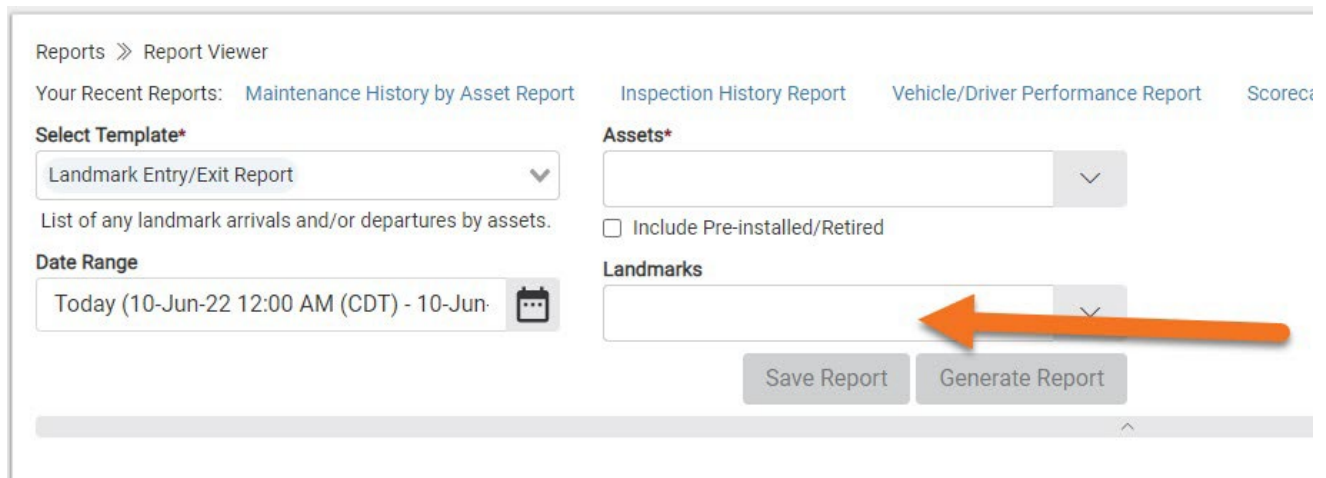
1. Choose the Reports Tab



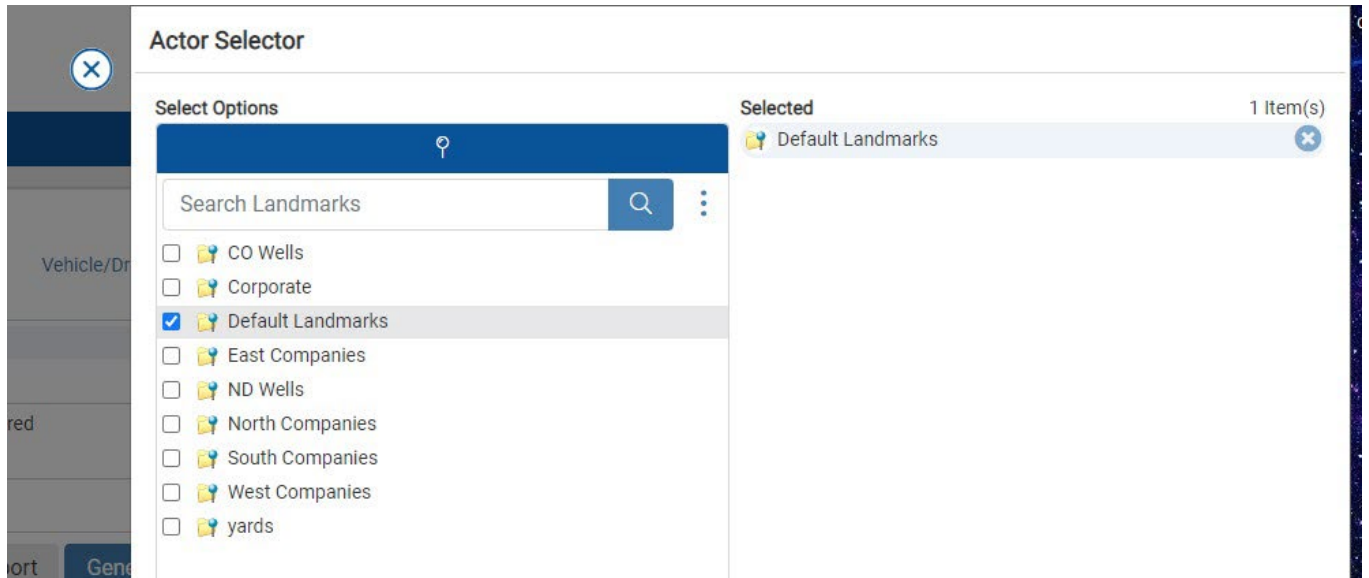
2. Choose the report from the categories on the left or use the New Custom Report and type landmark in the Select report field to see a list of landmark related reports.




3. After choosing the report, add the duration you would like to run. Next choose the Assets and Landmarks for your report



- Select the landmark(s) or landmark group that you want to include in the report.



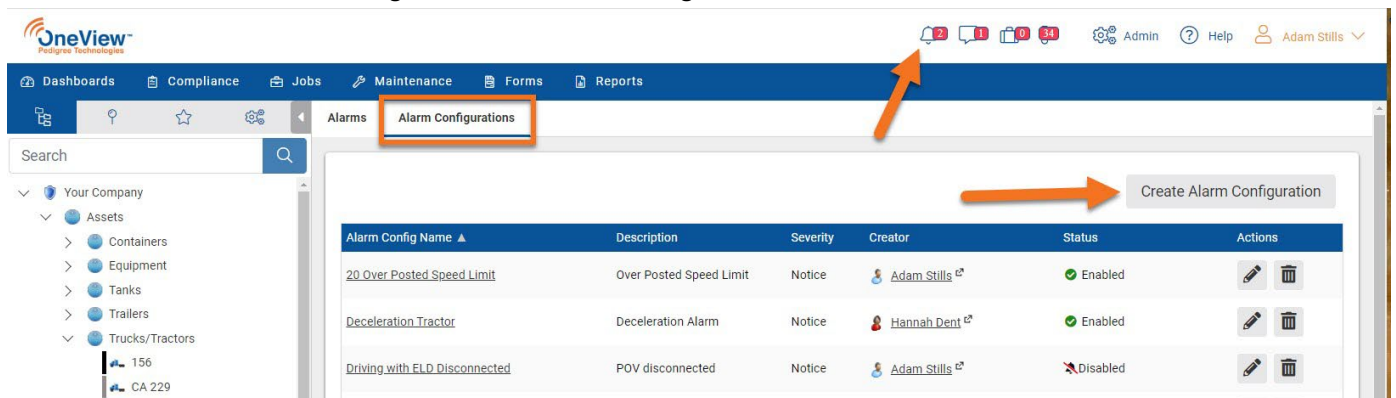
- Generate your report.

 <h2>Landmark Entry/Exit Report</h2> <p>Time Range: 12:00 AM 04/09/2018 CDT to 12:00 AM 04/17/2018 CDT Generated: 02:24 PM 04/16/2018 CDT</p>				
Asset	Description	Arrived	Departed	Previous Landmark
Detroit Lakes				
JJC-292		Apr 11, 2018 7:03 AM	Apr 11, 2018 8:30 AM	F & M Transport
Mack 56		Apr 15, 2018 7:21 AM	Apr 15, 2018 9:00 AM	F & M Transport
F & M Transport				
JJC-292		Apr 8, 2018 11:04 AM	Apr 9, 2018 10:23 AM	Moorhead State
JJC-292		Apr 9, 2018 2:10 PM	Apr 9, 2018 2:20 PM	F & M Transport
JJC-292		Apr 9, 2018 5:30 PM	Apr 10, 2018 12:03 PM	F & M Transport
JJC-292		Apr 10, 2018 3:33 PM	Apr 11, 2018 5:57 AM	F & M Transport
JJC-292		Apr 13, 2018 2:18 PM		Detroit Lakes
Mack 56		Apr 4, 2018 4:02 PM	Apr 10, 2018 6:47 AM	F & M Transport

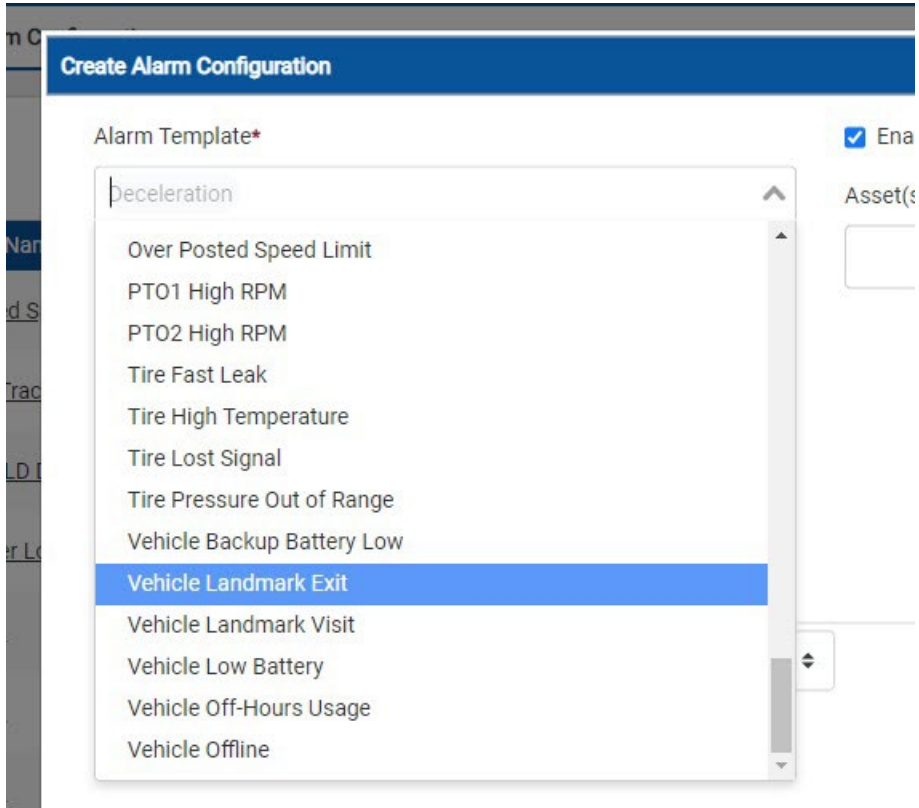
Landmark Alarms

Set alarms on your assets that alert you to when they enter or exit any landmark or landmark group that you choose.

- Choose the bell, then Alarm Configurations, And then Configure a New Alarm.



2. Next choose the Landmark alarm that you want to set up.



Create Alarm Configuration

Alarm Template*

☒ Enabled

Asset(s)

Deceleration

- Over Posted Speed Limit
- PTO1 High RPM
- PTO2 High RPM
- Tire Fast Leak
- Tire High Temperature
- Tire Lost Signal
- Tire Pressure Out of Range
- Vehicle Backup Battery Low
- Vehicle Landmark Exit**
- Vehicle Landmark Visit
- Vehicle Low Battery
- Vehicle Off-Hours Usage
- Vehicle Offline

3. Next choose the Landmark Wrench to select the landmark(s) or landmark group you would like to use for this alert.

Create Alarm Configuration

Alarm Template*

Vehicle Landmark Exit

Alarm Config Name*

Vehicle Landmark Exit

Severity

Notice

Alarm Config Description*

Landmark Exit

☒ Enabled

Asset(s)*

Conditions

Notifications

Filters

Workflow

Trigger alarm when a vehicle exits one of the specified landmarks:

Cancel

Save and Close

- Just like the Landmark Search steps above or adding landmarks to reports, you can use the search to find the landmark, check the folder to include the whole landmark group, or hover over the landmark folder to select from one of the first twenty landmarks to add to this alert.

Search

Forms Reports

Alarm Configuration

Alarm Template*

Vehicle Landmark Exit

Severity

Notice

Alarm Config Description*

Landmark Exit

☒ Enabled

Asset(s)*

Conditions

Notifications

Filters

Workflow

Trigger alarm when a vehicle exits one of the specified landmarks:

Cancel

Save and Close

Actor Selector

Select Options

Search Landmarks

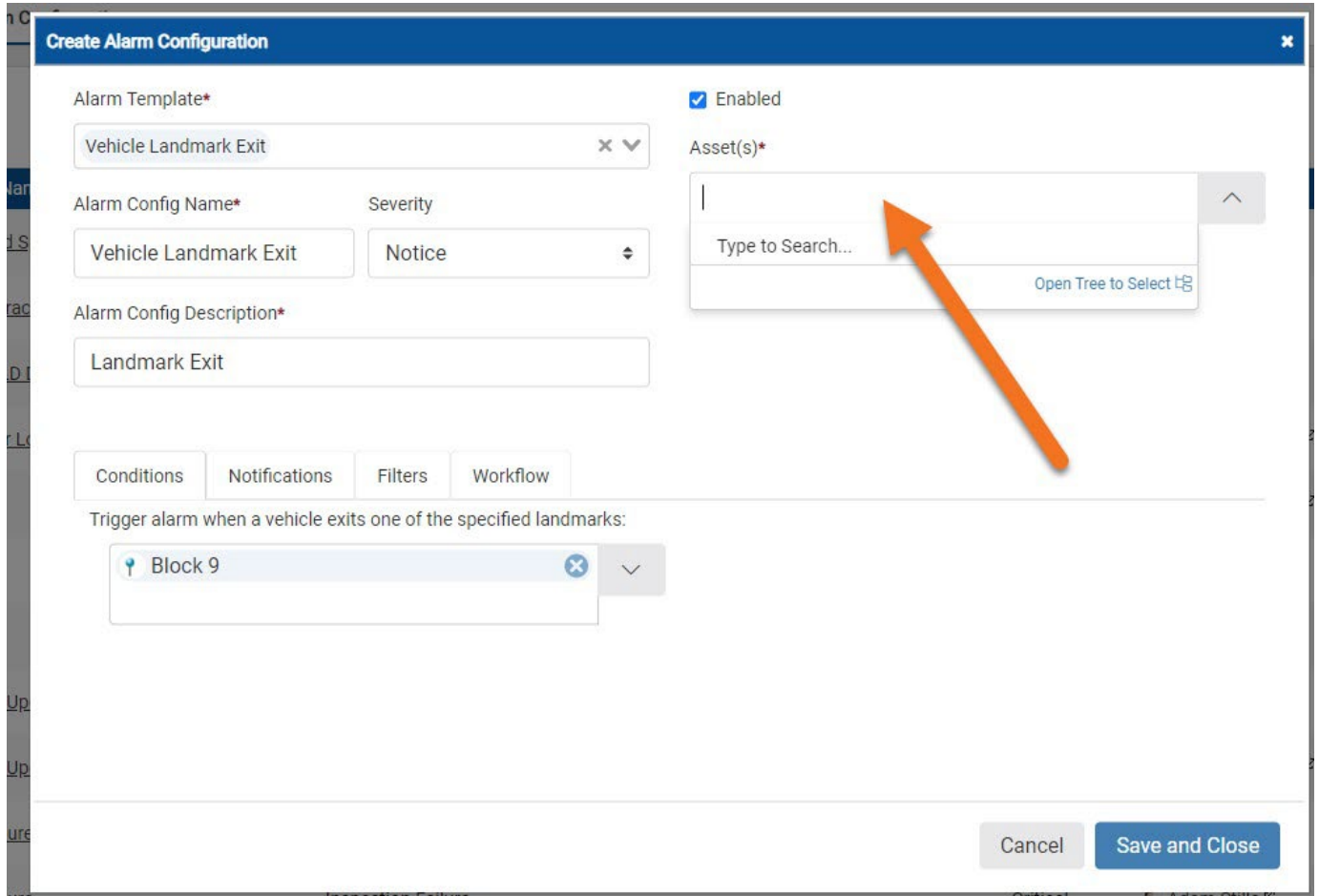
☐ CO Wells
 ☐ Corporate
 ☐ Default Landmarks
 ☐ East Companies
 ☐ ND Wells
 ☐ North Companies
 ☐ South Companies
 ☐ West Companies
 ☐ yards

Selected

Block 9

1 Item(s)

5. Select your assets next.



The screenshot shows the 'Create Alarm Configuration' dialog box. The 'Alarm Template*' dropdown is set to 'Vehicle Landmark Exit'. The 'Alarm Config Name*' is 'Vehicle Landmark Exit' and the 'Severity' is 'Notice'. The 'Alarm Config Description*' is 'Landmark Exit'. The 'Enabled' checkbox is checked. The 'Asset(s)*' field is empty, and an orange arrow points to the search input. Below the 'Asset(s)*' field, there is a search bar with the text 'Type to Search...' and a link 'Open Tree to Select'. At the bottom of the dialog, there are 'Cancel' and 'Save and Close' buttons.

Alarm Template*
Vehicle Landmark Exit

Enabled

Asset(s)*

Vehicle Landmark Exit

Severity
Notice

Alarm Config Description*
Landmark Exit

Conditions Notifications Filters Workflow

Trigger alarm when a vehicle exits one of the specified landmarks:

Block 9

Cancel Save and Close

6. Keep adding the appropriate next steps to set up your alarm (for information about setting up alarms, see the Alarms document in the Learning Center)