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ATHENA MAPPING

Map Overlays Training Resource Guide

# Map Overlays
## Training Resource Guide

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MAP OVERLAYS TRAINING RESOURCE GUIDE

# PURPOSE OF THIS GUIDE

The Map Overlays Resource Guide will provide you with explanations of the basic tools within Athena, walk you through the procedure of adjusting visual elements of the map layers within the software, as well as provide you with specific scenarios you may encounter as you begin to independently navigate the system within the User Stories section of this guide.

# ATHENA MAP OVERLAYS INTRODUCTION

Map Overlays are segmented areas overlaying the Edulog map that the system uses to determine school attendance, transportation eligibility rules, and student demographics analysis. The Map Overlays module allows the user to edit and adjust the visual elements of the map layers within Athena.

It is additionally important to note that users can access the Map Overlay module within all Athena modules by selecting the "Map Overlay" button on the map panel—users have the same editing capabilities in the pop-out window as they would navigating to the module through the Mapping Application in Athena.
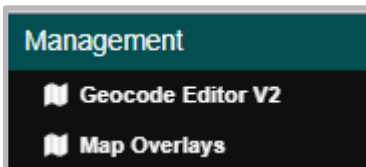
# NAVIGATING THE ATHENA MAP OVERLAYS MODULE

1. **Getting Started:**
   Once logged in, select the Mapping application from the portal page.
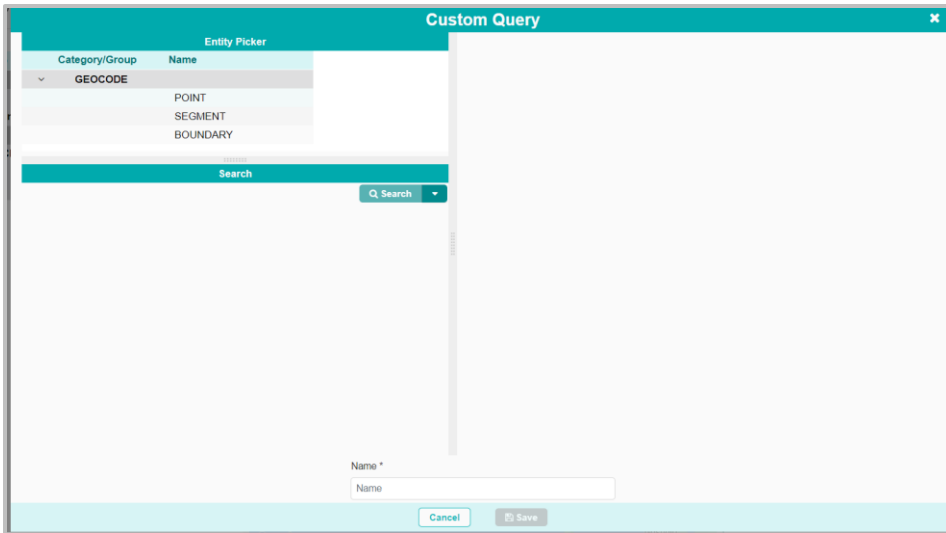
   

   **1.1** Select "Map Overlays" in the action bar menu.

   

   **1.2 Search Tray:**
   When the modules opens, the user will see the Map Overlay module. To create a new search query, select the "+New Query" button at the top of the Data Panel and you will be brought to the "Custom Query" window.

If you do not need to create a new query, your schools map overlays will automatically populate in the data panel.
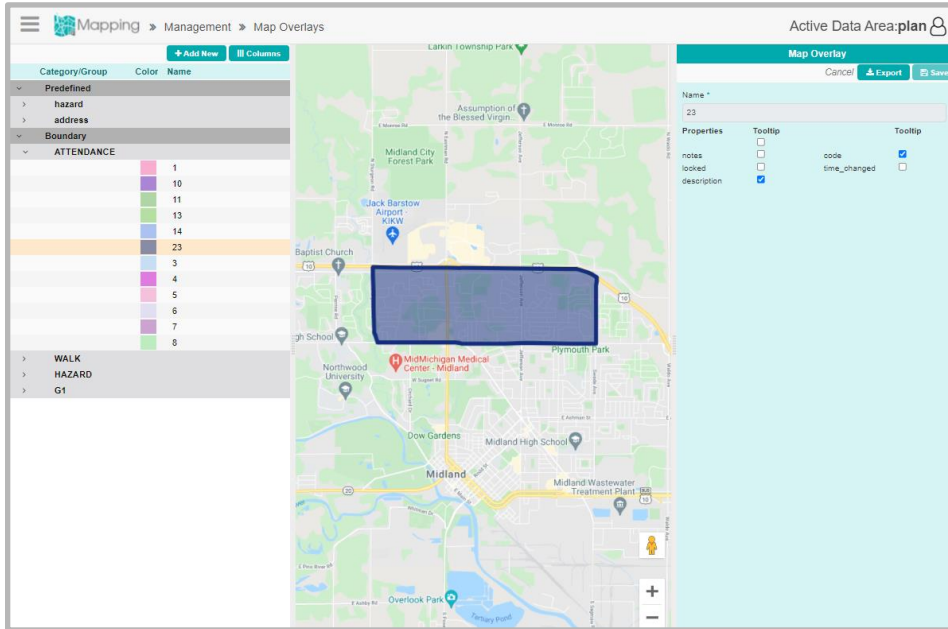


### 1.3 Attendance Boundaries:

The Attendance Boundaries will be listed in the Data Panel, and all boundary descriptions can be found in the "Description" panel

| Category/Group | Color | Name | Description |
|---|---|---|---|
| Predefined | | | |
| hazard | | | |
| Location of int… | | | |
| Boundary | | | |
| ATTENDANCE | | | |
| | ▮ | 1 | Quinn ES 20 |
| | ▮ | 2 | Potter ES 20 |
| | ▮ | 3 | DeMello ES 20 |
| | ▮ | 4 | Dartmouth School District |
| WALK | | | |
| HAZARD | | | |

### 1.4 Select Boundary:
The user will select the boundary they want to view, and the boundary will show graphically on the map and the details below in the workspace.



### 2. Adding a New Map Overlay:
Select the "Add New" button at the top of the Data Panel; when selected, the



Selecting "Add New" will open the "Map Overlays" card within the Workspace Panel, where you will add all the relevant details to creating a new layer.

# ATHENA USER STORIES

The User Stories section of this guide will offer you scenarios that are applicable to some of the workflows you might encounter in your day-to-day tasks within Athena. Some scenarios that will be discussed include:
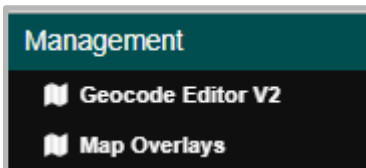
## 1. Adjusting Visual Elements

1.  **Getting Started:**
    Once logged in, select the Mapping application from the portal page.

    

    **1.1** Select "Map Overlays" in the action bar menu.

    

    **1.2 Search Tray:**
    When the modules opens, the search tray will appear—the user will select the "Category/Groups" they want to work with from the Data Panel.
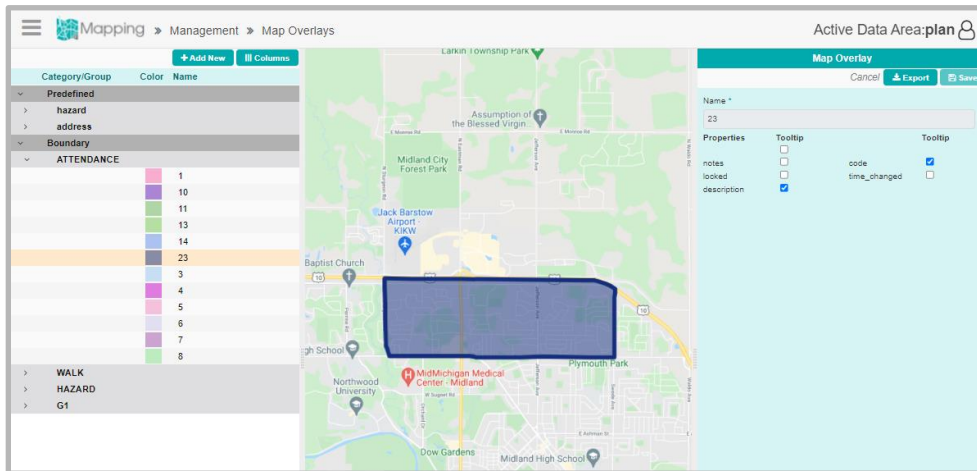
    

    **1.3 Attendance Boundaries:**
    The Attendance Boundaries will be listed in the Data Panel, and all boundary descriptions can be found in the "Description" panel

| Category/Group | Color | Name | Description |
|---|---|---|---|
| ⌄   **Predefined** | | | |
| ›    hazard | | | |
| ›    Location of int… | | | |
| ⌄   **Boundary** | | | |
| ⌄    ATTENDANCE | | | |
| | ▮ | 1 | Quinn ES 20 |
| | ▮ | 2 | Potter ES 20 |
| | ▮ | 3 | DeMello ES 20 |
| | ▮ | 4 | Dartmouth School District |
| ›    WALK | | | |
| ›    HAZARD | | | |

### 1.4 Select Boundary:

The user will select the boundary they want to view, and the boundary will show graphically on the map and the details below in the workspace.
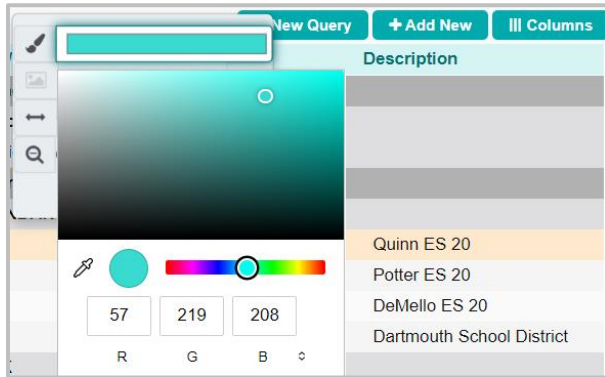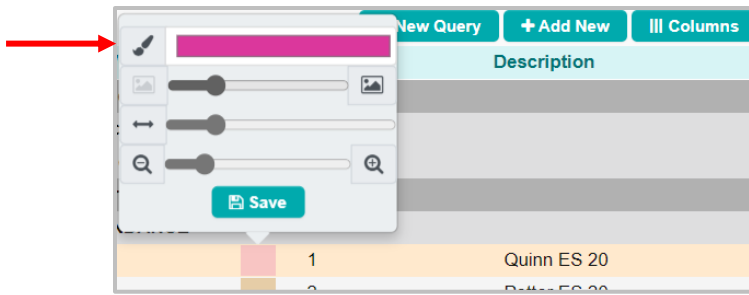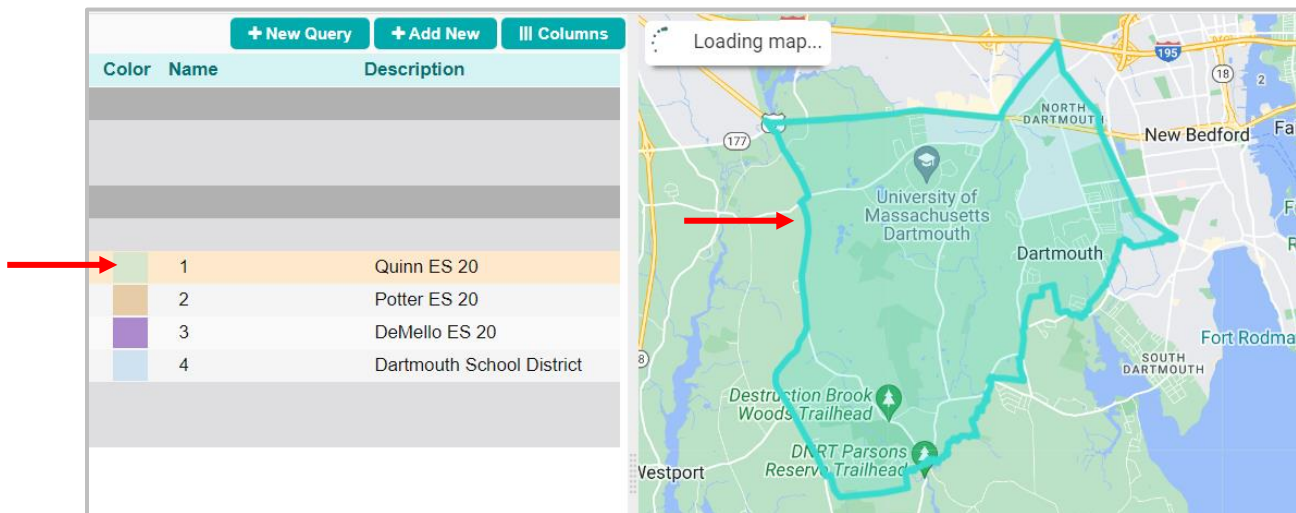


## 2. Change Boundary Color:

To change the color of your boundary, click directly on the colored box of the boundary you wish to change, and a window will pop-out where you will again click on the color bar to make your adjustments.



| Category/Group | Color | Name | Description |
|---|---|---|---|
| ⌄   **Predefined** | | | |
| ›    hazard | | | |
| ›    Location of int… | | | |
| ⌄   **Boundary** | | | |
| ⌄    ATTENDANCE | | | |
| ⟶ | ▮ | 1 | Quinn ES 20 |
| | ▮ | 2 | Potter ES 20 |
| | ▮ | 3 | DeMello ES 20 |
| | ▮ | 4 | Dartmouth School District |
| ›    WALK | | | |
| ›    HAZARD | | | |

Saving the new color, will update the boundaries color visually within the Data and Map Panel.
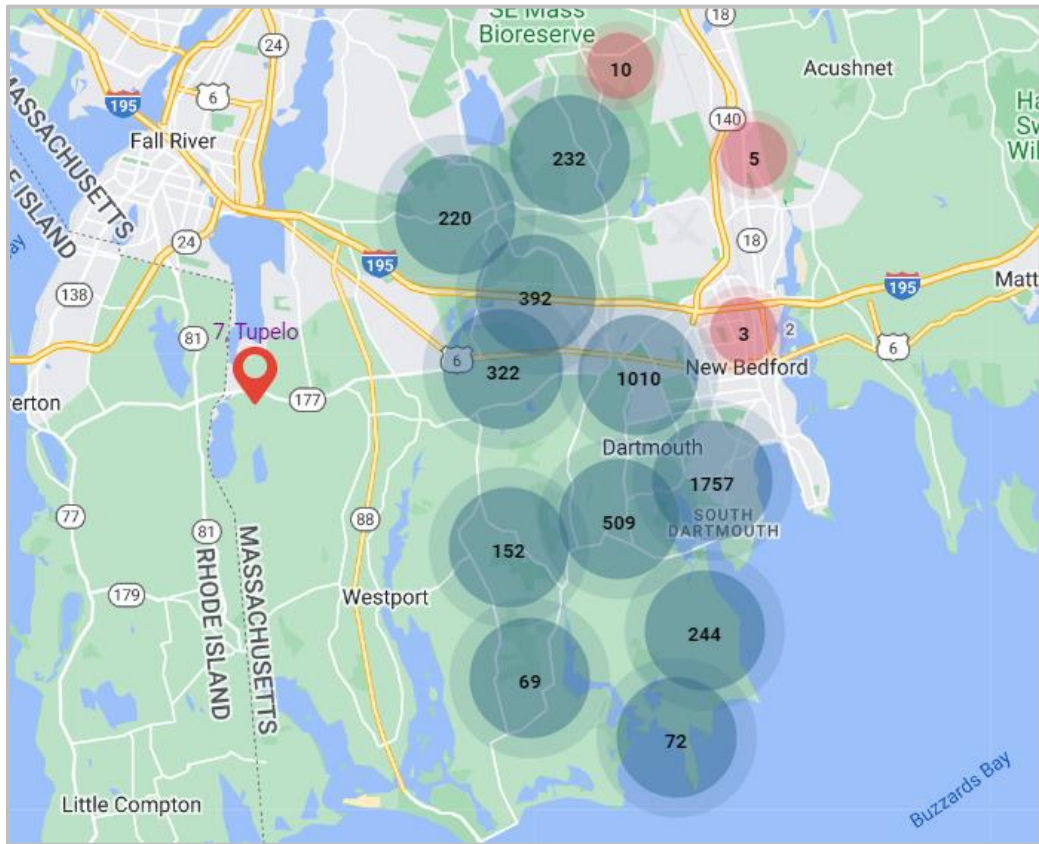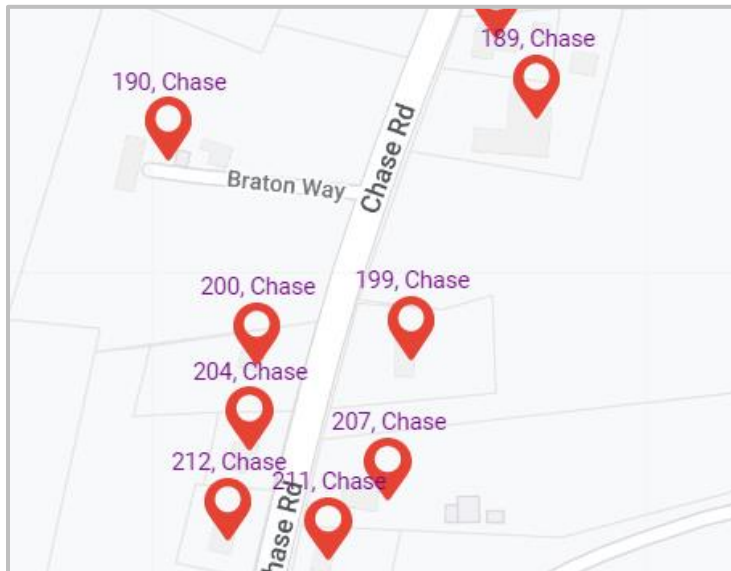


3.  **Adjusting Visibility of Housing Information:**
    In the Data Panel, under "Predefined", navigate to the "Location of Interest" group, and select the "House Numbers" layer. Once selected the houses will display graphically on the Map.

**Zoom Out View:**



**Zoomed In View:**



Additionally, the user has the ability to edit the information that is displayed within the zoomed in view of the houses.
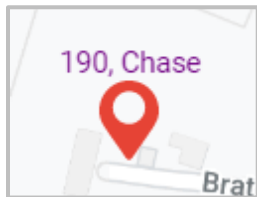
## Map Overlay

Cancel | ⬇ Export | 💾 Save

**Name** *

houseNumbers

**Icon**

○ Centered    ○ Pinned

☑ Display Markers

| Properties | Label ☐ | Tooltip ☐ | Properties | Label | Tooltip |
|---|---|---|---|---|---|
| number_of_suffix | ☐ | ☐ | intersect_street_prefix | ☐ | ☐ |
| intersect_street_name | ☐ | ☐ | street_type | ☐ | ☐ |
| number_of | ☑ | ☑ | street_suffix | ☐ | ☐ |
| zipcode | ☐ | ☐ | street_prefix | ☐ | ☐ |
| street_name | ☑ | ☑ | intersect_street_suffix | ☐ | ☐ |
| intersect_street_type | ☐ | ☐ | notes | ☐ | ☐ |
| external_address | ☐ | ☐ | intersect_street_id | ☐ | ☐ |
| segment_id | ☐ | ☐ | street_segment_id | ☐ | ☐ |
| contact | ☐ | ☐ | intersect_zipcode | ☐ | ☐ |
| street_id | ☐ | ☐ | | | |

Checking a property to appear in the "Label" will display that information above the red location marker on the map.



While selecting a property in the "Tooltip" will showcase that information in the pop-up window when hovering over the map icon.