



# GIS Analysis of Community Center Sites

Presented By:

William Warner, Director of  
Planning, Conservation, and  
Development, AICP

# Community Center



- ◆ Potential Sites for a new Community Center were analyzed using the City of Middletown's Geographic Information System (GIS)
- ◆ 7 Basic Criteria were set up to select the following sites
- ◆ The proposed sites were then analyzed with further considerations

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## 5 Basic Criteria

1. Site must be at least 4 acres
2. Site must have city sewer
3. Site must not be developed land
4. Site must not be committed to Open Space
5. Site must not be located in Wetlands or Flood Plain
6. Access to major roads



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## How the Maps were generated with GIS

1. Mapped all parcels of 4 acres+
2. Mapped all parcels of 4 acres+ that included City Sewer(Eliminated those that did not)
3. Mapped all parcels of 4acres+ with city sewer that are undeveloped
4. Eliminated the remaining parcels that are committed to open space
5. Eliminated parcels that are considered wetlands or in a flood plain
6. Finally, eliminated parcels that did not have frontage on a major road.

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The following observations and considerations were made when analyzing the remaining parcels

1. Density of Population: Is the site in a densely populated area?
2. Transit Routes: Is the site located on a bus route for accessibility of public transportation?
3. Local Schools: Is the site located near any school, for use of school parks and fields?
4. Adjacent Open Space: Is the site located near any committed open space for recreation use?

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6. Community Resources: Is the site located near other community resources, ie: Theatre, Kid City, Green Street Art Center?
7. Sidewalks/Bike Paths: Does the site have sufficient accesibility to sidewalks and/ or bike paths?
8. Vicinity of Elderly Housing: Is the site relatively close to elderly housing for elderly use of community center?