# DRAFT Generic Environmental Impact Statement for the

## **GORDON HEIGHTS**

## Land Use Plan

August 2010



Prepared for the:



## TOWN OF BROOKHAVEN

Prepared by



Cameron Engineering & Associates, LLP

In Association With

**AECOM Economics Group ADL III Architecture, PC and Vision Long Island, Inc.** 

#### **DRAFT GENERIC** ENVIRONMENTAL IMPACT STATEMENT

#### FOR THE

#### GORDON HEIGHTS LAND USE PLAN

#### **GORDON HEIGHTS** TOWN OF BROOKHAVEN SUFFOLK COUNTY, NEW YORK

**LEAD AGENCY:** 

TOWN OF BROOKHAVEN TOWN BOARD

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DATE ACCEPTED:						
DATE OF PUBLIC HEARING:						
DATE WRITTEN COMMENTS DUE:						

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#### 1. Executive Summary

The Gordon Heights Land Use Plan (GHLUP) details existing land use, demographic, and economic conditions in the hamlet and provides guidance for future land-use decisions inside the study area. The Land Use Plan is based on an earlier community visioning and extensive community outreach. The Plan covers the community's traditional boundaries: Middle Country Road to the north, East and West Bartlett Roads to the east, Mill Road to the west, and the area approximately 1000 feet south of Granny Road on the southern end.

The Plan analyzes the following elements of the Gordon Heights community: land use and zoning, demographics and economics, mobility, infrastructure, and environmental resources. The GHLUP elaborates on the results of the community visioning. The Plan reviews those elements of the Middle Country Road Land Use Plan that pertain to Gordon Heights, specifically the proposed Westfield-Fife Neighborhood Center and the Transitional Corridors east and west of it.

The discussion of land use covers residential, commercial, industrial, and recreational uses as well as community services, and open space. The Plan focuses on the land use and related requirements of the South and North Neighborhood Centers as proposed by the community during the visioning and modified based on the economic report conducted for the Land Use Plan.

The GHLUP makes recommendations for new and modified residential and commercial land uses. Zoning and building code modifications are recommended in support of the Plan. The Plan recommends infrastructure and mobility improvements, particularly wastewater collection and treatment. The report also summarizes recommendations made for related community issues, specifically the concentration of sex offenders, and the high fire district taxes.

#### 1.1. SEQRA Compliance

The action is the adoption of the Gordon Heights Land Use Plan. While this action, in and of itself, will not result in any environmental impacts, the implementation could result in land use changes that could create environmental impacts. This Generic Environmental Impact Statement (GEIS) provides a mechanism to evaluate in a generic way, the potential impacts of the land use changes. It is anticipated that future development applications will be subject to additional and separate reviews under SEQRA as this document does not address site specific issues, nor the way in which individual sites will be developed.

The GHLUP contains elements of a Generic Environmental Impact Statement (GEIS) including a detailed description of the action and the existing environmental setting. This

document focuses on significant adverse environmental impacts, mitigation measures, and the No-Action Alternative of the GHLUP not being implemented. The GHLUP is incorporated herein by reference and the two documents together constitute the Draft GEIS.

The Draft GEIS fulfills the requirements of SEQRA Subdivision 617.10(b) which states:

(b) In particular agencies may prepare generic EISs on the adoption of a comprehensive plan prepared in accordance with subdivision 4, section 28-a of the General City Law; subdivision 4, section 272-a of the Town Law; or subdivision 4, section 7- 722 of the Village Law and the implementing regulations. Impacts of individual actions proposed to be carried out in conformance with these adopted plans and regulations and the thresholds or conditions identified in the generic EIS may require no or limited SEQR review as described in subdivisions (c) and (d) of this section.

Subdivisions (c) and (d) below describe how future actions undertaken in compliance with the GHLUP would comply with SEQRA:

- (c) Generic EISs and their findings should set forth specific conditions or criteria under which future actions will be undertaken or approved, including requirements for any subsequent SEQR compliance. This may include thresholds and criteria for supplemental EISs to reflect specific significant impacts, such as site specific impacts, that were not adequately addressed or analyzed in the generic EIS.
- (d) When a final generic EIS has been filed under this part:
  - (1) No further SEQR compliance is required if a subsequent proposed action will be carried out in conformance with the conditions and thresholds established for such actions in the generic EIS or its findings statement;
  - (2) An amended findings statement must be prepared if the subsequent proposed action was adequately addressed in the generic EIS but was not addressed or was not adequately addressed in the findings statement for the generic EIS;
  - (3) A negative declaration must be prepared if a subsequent proposed action was not addressed or was not adequately addressed in the generic

EIS and the subsequent action will not result in any significant environmental impacts;

(4) A supplement to the final generic EIS must be prepared if the subsequent proposed action was not addressed or was not adequately addressed in the generic EIS and the subsequent action may have one or more significant adverse environmental impacts.

It is anticipated that this GEIS will serve as the SEQRA compliance for adoption of the GHLUP and its implementation measures including rezoning of specified parcels as described in the GHLUP. Future development proposals for specific sites would be subject to additional SEQRA review for any impacts not sufficiently analyzed in this GEIS.

#### 1.2. Gordon Heights Land Use Plan Recommendations

The following recommendations from the GHLUP are arranged by topic and are the subject of this DGEIS:

#### Land Use/Zoning

- Rezone South Neighborhood Center Parcels to Planned Development District (PDD) (See Table 3-5 for specific parcel information).
- Rezone the parcels in the proposed Fife-Westfield Neighborhood Center to J6 and designate the Center as a Hamlet Overlay District. Issue guidelines for development of the parcels including the suggested number and mix of housing types, affordability goals, architectural guidelines, and community amenities (See Table 3-5 for specific parcel information).
- Rezone Middle Country Road parcels to J Transitional Business (See Table 3-5 for specific parcel information).
- Revise Accessory Apartment Code (\$85-201) to Permit Detached Accessory Dwelling Units (ADUs) within 1500 feet of J6 districts, hamlet overlay districts, and PDDs that include a neighborhood or hamlet center. Institute specific building and site requirements to protect single-family neighborhoods.
- Permit live/work units in Hamlet and Neighborhood Centers. Ensure that building codes provide for flexible use of the residential and commercial spaces, include appropriate safety language, and meet current guidelines for live/work units.

- Designate the Transitional Corridors of Middle Country Road as sending areas for the
  potential sale of Transfer of Development Rights (TDR) credits. Designate the FifeWestfield Neighborhood Center as a receiving area for SCDHS sanitary credits, Pine
  Barrens credits and potential future Town of Brookhaven TDR credits.
- Disallow new commercial or industrial use applications for non-conforming properties except along Mill Road. Change the zoning for selected properties on Mill Road to conform to existing industrial and commercial uses(See Table 3-5 for specific parcel information).

#### Residential Land Uses

- Require a minimum of 20 percent affordable housing in the South and Fife-Westfield Neighborhood Centers. Per § 85-340 (B), provide bonus incentives for additional affordable housing and community amenities which may be provided by the developer(s) of these two sites.
- Provide live-work units in the neighborhood centers.
- Make Accessory Dwelling Units (ADU's) available inside some of the principal dwellings in the proposed Neighborhood Centers.
- Work with housing groups like the Long Island Housing Partnership to acquire, consolidate, and redevelop selected small lot clusters
- Work with housing groups like the Long Island Housing Partnership to purchase distressed mortgages and prevent foreclosures
- Monitor locations of housing utilized by sex offenders in Gordon Heights. Enforce Town and County regulations for housing utilized by sex offenders
- Develop and maintain a sex offender tracking system with real time updates on both sex offender and childcare locations that includes an email notification system.
- Conduct annual seminars to educate residents and organizations that care for children on current policy and procedures regarding housing utilized by sex offender.
- Institute area restrictions for housing utilized by sex offenders to avoid clustering.

- Require property owners wishing to house multiple offenders to register as a group home, obtain permits, and provide for tenants' mental and physical health needs either in house or by referral.
- Require other levels of government to comply with local laws regarding housing utilized by sex offenders.

#### Commercial Land Uses

- Expedite permitting for new retail business in the Gordon Heights Neighborhood Centers
- Redraw the boundaries of the Gordon Heights Fire District to incorporate all of traditional Gordon Heights to include all existing and future Gordon Heights commercial development inside the fire district

#### **Industrial Land Uses**

 Encourage and the facilitate the expansion or redevelopment of underutilized industrial land uses to bring additional jobs to Gordon Heights. Redraw the boundaries of the Gordon Heights Fire District to include all of Gordon Heights so that businesses on these parcels contribute to fire district revenue.

#### Recreational Land Uses

- Work with Civic Association to confirm suitability of parcels identified for pocket parks.
- Connect the proposed South Neighborhood Center to the trail network proposed by the Town. Connect existing and proposed parks and open space inside Gordon Heights to each other and to neighboring greenbelts, parks, and preserves. Connect the Westfield-Fife Neighborhood Center to the County-owned Davis Park and the Overton Preserve.

#### Infrastructure

 Permit phased development of the Neighborhood Centers with flexible options for sewage collection and treatment to manage wastewater collection and treatment until regional sewer treatment becomes available.

- Incorporate Gordon Heights Neighborhood Center sewer connection into plans for the County's Selden or Medford treatment plants. Ensure that Gordon Heights flow is considered in the Suffolk County and Brookhaven studies.
- Request an assessment by the Town's Division of Streetlighting to determine what enhancements might be needed to address concern about adequate street lighting in the community. The enhancements would then be integrated into the Streetlighting Inventory and Maintenance System (SIMS) that tracks the status of each light, its maintenance history, wattage, etc. Residents and the Civic Association should continue to report damaged or unlit lights to the Division on a routine basis.

#### Mobility

- Extend Rose Lane across Gordon Avenue towards the proposed South Neighborhood Center through an existing right-of-way. Construct north-south road from Richard Drive across Granny Road with a crosswalk in that intersection. Connect Richard Drive extension to an extension of Gray Avenue southward.
- Work with Suffolk County Bus to alter their S60 route to incorporate the planned Neighborhood Centers into the route.
- Work with the Town Division of Traffic Safety and Gordon Heights Civic Association to identify the best locations for bicycle lanes based on the popular routes traveled by children to community facilities. Provide bicycle racks at Town Parks, the St. Michaels Community Center, and other locations where children gather. Provide bicycle access to the Overton Preserve and the former Coram Airport if/when it becomes a County Park.
- Construct approximately 3-miles of sidewalks as follows: along Granny Road from Mill Road to West Bartlett Road (.90 miles); on Wilson Avenue from Carr Lane to Middle Country Road (.90 miles); and on West Yaphank Road from Seymour Lane to Middle Country Road (1.2 miles).
- Provide well-marked or raised crosswalks at all roadway intersections where sidewalks are recommended.
- Work with the NYS DOT to implement changes recommended in the Middle Country Road Land Use Plan for SR 25: reduce number of curb cuts; provide central shared access to businesses sites; provide shared parking and connectivity between developed

properties and centralized off-street parking with connecting drives; provide raised medians and associated improvements between Homestead Drive and Wilson Avenue.

- Incorporate the recommended access and parking recommendations into the Fife/Westfield Neighborhood Center Hamlet Overlay District requirements.
- Permit parking reductions in the Neighborhood Centers for shared parking and on-street parking. As feasible, locate parking behind commercial uses.

#### **Community Services**

- Redraw the Gordon Heights Fire District boundaries to encompass all of Gordon Heights to increase fire district tax revenues and lower residential fire district taxes
- Incorporate a public green and provisions for new community center into the requirements for the South Neighborhood Center Planned Development District (PDD).

#### 1.3. Potential Impacts and Proposed Mitigation

Many of the recommendations of the GHLUP improve quality of life and would not create significant adverse environmental impacts. The primary action that has the potential to create significant adverse impacts is the rezoning of approximately 131 acres of Gordon Heights 1745 acres. The following summarizes the potential adverse impacts anticipated by this rezoning.

#### Geology, Soils, and Topography

Potential Impacts – The recommendations will result in relocation of the density of development. It is not anticipated that any future development under existing or proposed conditions would affect geologic conditions. The majority of the study area has slopes of 0 to 10% with approximately 20% of the study area having slightly steeper slopes up to 15%. Therefore, no zoning or land use changes are proposed in steep slope areas.

*Proposed Mitigation* – None required.

#### <u>Groundwater – Water Use and Wastewater Treatment</u>

Potential Impacts – Impacts to groundwater include those related to withdrawals and others related to infiltration. The zoning and land use changes proposed could result in increased withdrawal of groundwater and an associated increase in generation of wastewater. Under existing zoning, parcels would likely be

developed at densities that would allow on-site sanitary systems. By concentrating development in the neighborhood centers, a wastewater treatment plant would be required, which should provide better treatment and therefore, better groundwater protection.

*Proposed Mitigation* – Water conservation methods could reduce consumption of public water. Drought-tolerant plants could be used where possible to reduce irrigation needs. Pervious materials could be used wherever possible to increase infiltration. Roof collection systems could return rainwater to the ground through the use of dry wells.

#### Stormwater

Potential Impacts – The zoning and land use changes proposed could result in additional impervious surfaces. Runoff from roads and parking areas may carry contaminants such as metals, petroleum hydrocarbons, sand, salt, and other compounds. Runoff from non-vehicle areas such as roofs, courtyards, patios, and tennis courts would be relatively clean. Stormwater could lead to erosion and sedimentation if not properly controlled.

*Proposed Mitigation* - Stormwater systems would be required to capture and treat runoff.

#### Land Use and Zoning

*Potential Impacts* – Changes to land use and zoning are proposed which will redirect development into Neighborhood Centers.

*Proposed Mitigation* – The proposed changes in land use and zoning are in themselves a mitigation method-reducing sprawl and the range of harmful impacts associated with it.

#### **Ecological Resources**

Potential Impacts of Proposed Project – The zoning and land use changes proposed could result in a change of habitats found on some parcels. Most of the wildlife expected to be found in these areas are those species that are tolerant of human activity because of the existing habitats and the intensity of the existing and surrounding land uses. The effect on the density and diversity of both local and regional populations should be minimal, as the area represents only a small portion of similar habitats available in the vicinity.

*Proposed Mitigation* – No rare plants, rare animals or rare ecological communities are known to occur on the parcels recommended for zoning and land use changes. Some parcels are recommended to be preserved as open space.

#### <u>Transportation – Traffic and Parking</u>

Potential Impacts of Proposed Project – Development under existing zoning could generate peak hour trips ranging from 315 to 961 trips per hour. With the changes proposed in the GHLUP, peak hour weekday trips are generally anticipated to be less with volumes more balanced between entering and exiting trips. Peak hour trips would be split among various directions and different travel routes.

*Proposed Mitigation* – No mitigation is needed.

#### Visual Quality and Community Character

Potential Impacts of Proposed Project – The views along major roadways would change as development is clustered into the North and South Neighborhood Centers and potentially lessened along the remainder of Middle Country Road. Particularly in the South Center, views of wooded land would change to views of developed land.

Proposed Mitigation – Development of the North and South Centers would include landscaping treatments to create visual buffering of uses between the sites and adjacent properties. The lighting plans would be designed in conformance with Town Code §85-463, which requires containment of light on site and sets location, lumen output, wattage, hours of use and other lighting standards to mitigate harmful impacts.

#### Noise

Potential Impacts of Proposed Project – The zoning and land use changes proposed are not anticipated to increase noise levels significantly as they consist of residential and commercial uses not unlike those already found in the community.

Proposed Mitigation - None required.

#### Air Quality

Potential Impacts of Proposed Project – The zoning and land use changes proposed will not cause significant traffic volume changes and therefore will not create conditions that would significantly impact air quality.

*Proposed Mitigation* – No mitigation is required.

#### **Cultural Resources**

Potential Impacts of Proposed Project – Any historic sites in or near Gordon Heights would not be affected by the zoning and land use changes proposed

*Proposed Mitigation* – No mitigation is required.

#### **Community Services**

Potential Impacts of Proposed Project – Many of the properties proposed to be rezoned currently require police, fire and emergency response. Developing currently undeveloped parcels will increase demand over existing levels. However, the comparison between maximum development under existing and proposed zoning would not be expected to be significantly different.

School aged children could be generated by the new housing units proposed in the North and South Centers. In addition, rezoning to J Business District will allow some housing instead of commercial structures along Middle Country Road. Development is anticipated to occur over time, lessening the impact of new students on the school district.

*Proposed Mitigation* – The various taxing districts would be expected to benefit from increased tax revenues.

#### Utilities

Potential Impacts of Proposed Project – Wastewater treatment capacity` would need to be developed to meet the needs of the proposed development in the south center under the proposed zoning.

*Proposed Mitigation* – None required.

#### **Economic Impacts**

Potential Impacts of Proposed Project – The zoning and land use changes proposed should create tax benefits to affected taxing jurisdictions.

Proposed Mitigation – Impacts are positive so none required.

#### 1.4. Project Alternatives

Under the No Action Alternative the properties proposed for rezoning would continue to be developed in accordance with existing zoning.

#### 1.5. Conclusions

Based upon the analysis herein, the proposed action is not expected to have significant adverse impacts on the environment.

#### 2. Description of the Land Use Plan

The Gordon Heights Land Use Plan details existing land use, demographic, and economic conditions in the hamlet and provides guidance for future land-use decisions inside the study area. The Land Use Plan is based on an earlier community visioning and extensive community outreach. The Plan covers the community's traditional boundaries: Middle Country Road to the north, East and West Bartlett Roads to the east, Mill Road to the west, and the area approximately 1000 feet south of Granny Road on the southern end.

The Plan analyzes the following elements of the Gordon Heights community: land use and zoning, demographics and economics, mobility, infrastructure, and environmental resources. The Gordon Heights Land Use Plan elaborates on the results of the community visioning. The Plan reviews those elements of the Middle Country Road Land Use Plan that pertain to Gordon Heights, specifically the proposed Westfield-Fife Neighborhood Center and the Transitional Corridors east and west of it.

The discussion of land use covers residential, commercial, industrial, and recreational uses as well as community services, and open space. The Plan focuses on the land use and related requirements of the South and North Neighborhood Centers as proposed by the community during the visioning and modified based on the economic report conducted for the Land Use Plan.

The Gordon Heights Land Use Plan makes recommendations for new and modified residential and commercial land uses. Zoning and building code modifications are recommended in support of the Plan. The Plan recommends infrastructure and mobility improvements, particularly wastewater collection and treatment. The report also summarizes recommendations made for related community issues, specifically the concentration of sex offenders, and the high fire district taxes.

#### 2.1. Summary of GHLUP

Chapter 1 is an Executive Summary. Chapters 2 through 9 describe existing conditions and the elements of the proposed GHLUP. Chapters 10 through 16 provide the recommendations required to implement the GHLUP.

Chapter 2 - Introduction includes a description of the study area, a brief history of Gordon Heights, a summary of the community visioning conducted by Vision Ling Island and ADLIII Architecture in 2006, an analysis of how the GHLUP relates to the previously adopted *Final 2006 Middle Country Road Land Use Plan for Coram, Middle Island, and* 

Ridge, (MCRLUP) and a description of the community outreach, meetings and events conducted during 2008 through 2010.

Chapter 3 –Community's Vision discusses the results of the community visioning. The community's concerns included crime, high tax rates, the disproportionately high number of sober houses, halfway houses, sex offenders as compared with surrounding communities, absentee-landlords, and abandoned or poorly maintained houses. Positive feelings were expressed about the residential fabric of the neighborhood and the open space surrounding their community. Residents were eager to establish a strong sense of place, and wanted better street lighting, safer streets, improved pedestrian safety and public transportation, access to neighboring commercial districts, affordable housing for single mothers, seniors, young singles, and others and a multi-use community center. Two mixeduse neighborhood centers at the north and south of the community were desired.

Chapter 4 – The Westfield-Fife Neighborhood Center describes the center as identified in the MCRLUP. While this Neighborhood Center would serve the purpose of the north community center envisioned by the community, it is noted that this location is west of the desired location expressed by the Gordon Heights Community and is not within the boundary of the Gordon Heights Fire District.

Chapter 5 – Land Use and Zoning describes the existing land use within the Gordon Heights study area (Table 2-1).

**Land Use** No. Parcels Percent Acreage Percent Residential 1275 74.7 786.8 49.4 Commercial 42 2.5 78.9 5.0 Industrial 3 0.2 20.8 1.3 290 17.0 192.3 12.1 Vacant Land Institutional 21 1.2 37.9 2.4 Public Land 69 4.0 268.6 16.9 Recreational 208.6

1708

Table 2-1 - Land Use

100.0 Source: Suffolk County Real Property Tax Service Agency, 2007

0.5

1594.0

13.1

100.0

Residential trends discussed include general housing characteristics, rental housing (29% of housing), accessory apartments, desire for live/work units, affordable and workforce housing, prevalence of small lots, abandoned and fire damaged homes, foreclosures, and housing utilized by sex offenders and recovering substance abusers. It was noted that there are few commercial and industrial uses, some of which are nonconforming on residentially zoned properties on Granny Road, Gray Avenue, Homestead Drive and West Yaphank Road.

Total

Fire protection was discussed in detail as the boundaries of the Gordon Heights Fire District are not the same as the traditional boundaries of Gordon Heights. The lack of commercial and industrial uses within the district contributes toward high tax rates for the homeowners.

The community noted that the existing 1,000 square foot St. Michaels Community Center was too small for the programs offered and attendance it attracts. In June 2008 there were nine day care centers and thirteen churches within the study area. Recreational uses were noted to be adequate with the exception of play lots or pocket parks.

There are 290 vacant parcels representing 192 acres (12%) of the Gordon Heights study area. Public land accounts for 69 parcels representing 269 acres (17%) of the Gordon Heights study area.

Chapter 6 – Infrastructure covers wastewater, street lighting, mobility and infrastructure funding. Options related to sewage treatment include potential credits and connections to nearby district or private plants, as well as the options for on-site treatment. Current street lighting and future street lighting needs are discussed. Mobility issues include connectivity between the Hamlet Centers and Neighborhood Center on Middle Country Road, connectivity within the Gordon Heights study area, open space connectivity, public transportation, bicycle lanes, sidewalks, traffic conditions and parking. Infrastructure funding opportunities include state and county programs.

Chapter 7 – Environmental Resources describes existing open space, protection of groundwater resources (the study area is located within Hydrogeologic Zone III), sensitive environmental resources (the study area is within the Long Island Pine Barrens Compatible Growth Area and wetlands are present in the study area), proximity of the Overton Preserve.

Chapter 8 – Demographic and Economics provides demographic and market research including population and household characteristics, educational attainment, growth projections, and existing and proposed housing stock. The Market Opportunities Analysis includes residential and retail market demand, and achievable rents.

Chapter 9 - Housing Assistance Opportunities acknowledges that public incentives may be needed to support the desired affordable and workplace housing. Programs provided by federal, state, county and town governments, and private programs offered through the Long Island Housing Partnership and Habitat for Humanity are described.

Chapter 10 provides an overview of zoning, building code and TDR recommendations. These cover the rezonings required to create the north and south neighborhood centers, to create a transitional zone between the Hamlet Centers on Middle Country Road, to allow live-work units, and to address non-conforming use properties. Utilizing transfer of development rights to transfer density from the transitional areas to the North and South Centers is recommended.

Chapter 11 covers residential land use recommendations including:

- South Neighborhood Center incorporate varied housing types including townhouses, apartments, granny flats, single-family hones, live-work units and accessory dwelling units to appeal to different economic levels and family structures.
- Fife-Westfield Neighborhood Center provide mixed use buildings.
- Establish housing affordability guidelines.
- Provide live-work units in the Neighborhood centers.
- Expand availability of accessory apartments.
- Redevelop small lots by aggregating parcels for new multi-family and clustered single-family development with community recreational and qualityof-life amenities.
- Identify options to reduce foreclosures.
- Monitor housing utilized by sex offenders.

Chapter 12 covers commercial land use recommendations including:

- Provide new retail development in the neighborhood centers.
- Expand the commercial tax base for the Gordon Heights Fire District by redrawing the district boundaries to incorporate all of the study area.

Chapter 13 covers industrial land use recommendations including:

- Encourage development of the vacant Light Industrial (LI) parcel on the east side of Mill Road near West Yaphank Road and redevelopment of the Light Industrial (LI) parcels on Mill Road to create jobs.
- Expand the commercial tax base for the Gordon Heights Fire District by redrawing the district boundaries to incorporate all of the study area.

Chapter 14 covers recreational land use recommendations including:

- Create new pocket parks.
- Improve park connectivity and accessibility with hiking trails, pedestrian and bicycle paths.

Chapter 16 covers infrastructure recommendations including:

- Provide wastewater collection and treatment for the Neighborhood Centers.
- Ensure adequate street lighting.
- Improve mobility:
  - o Connect neighborhood centers by extending street connectivity.
  - Maximize public transportation access.
  - Provide bicycle lanes and racks in key locations.
  - o Construct sidewalks.
  - Provide traffic calming measures.
  - Improvements to Middle Country Road including reducing the number of curb cuts, encouraging shared parking, providing raised landscaped medians and turning lanes.
  - Allow shared parking in neighborhood centers.
  - Locate parking behind commercial areas.

Chapter 17 covers community service recommendations including:

- Reduce fire district taxes by redrawing the district boundaries to encompass the entire study area.
- O Designate space for a community center and public space in the South Neighborhood Center.

The Appendix includes a Sex Offender Study, a detailed evaluation of the Gordon Heights Fire District, the Market Opportunities Analysis, Hamlet Center and Transitional Zone Overlay District Guidelines, Accessory Apartment Ordinance and Live-Work Unit Guidelines.

#### 3. Description of the Action

The action is the adoption of the Gordon Heights Land Use Plan. While this action, in and of itself, will not result in any environmental impacts, the implementation could result in land use changes that could create environmental impacts. In order to evaluate the magnitude of the potential environmental impacts that could ensue if the plan were implemented it is necessary to compare what can be built under existing zoning (the No Action Alternative), to what could be built under the proposed Gordon Heights Land Use Plan. The rezonings and changes in land use proposed encompass approximately 131 of Gordon Heights 1745 acres.

#### 3.1. No Action Alternative - Existing Conditions

Under the existing zoning the maximum development is estimated as approximately 114 residential units and 575,000 square feet of commercial uses. This assumes that each commercial lot will be developed to the maximum permitted lot occupancy, one residence per acre in the A1 Residential District, six units per acre in the PRC District and that existing open space remains as open space.

			Floor	Area in	Maximum	
Zoning	Area in		Area	square	Building	Residential
District	acres	Use	Ratio	feet	Area	Units
A1	78.99	40k sf residential lot				78
A2	3.50	Open Space				-
J2	26.05	Commercial	35%	1,134,738	397,158	-
J4	15.83	Commercial	25%	689,555	172,389	-
J5	0.63	Commercial	25%	27,443	6,861	-
PRC	6.00	6 units/acre				36
	131.00			1,851,736	576,408	114

**Table 3-1 - Maximum Development Under Existing Conditions** 

#### 3.2. Proposed Conditions

Under the proposed conditions there will be a shifting of density from areas not in the North and South Neighborhood Centers to those districts. The existing zoning along Middle Country Road is primarily comprised of J Business 2 District (Neighborhood Business), J Business 4 District (Professional and Business Offices) and J Business 5 District (High Intensity Business). These areas will be rezoned to J Business 6 District (Main Street Business District) for the North Center and J Business District (Transitional Business) for the remainder of the parcels. The South Center would be rezoned from A1 Residence District to a Planned Development District. Figure 3-1 and Figure 3-2 show the parcels which are proposed to be rezoned. Table 3-5 provides existing and proposed zoning and land use, as well as acreage for each of these parcels.

For the DGEIS it is assumed that the North and South Centers will be developed in accordance with the GHLUP recommendations. Development for the North Center would consist of 13 residential units and 5,880 square feet of commercial development. Development for the South Center would consist of 118 residential units and 18,000 square feet of commercial development

Since the J Business District allows a range of uses from residential to office, three scenarios are considered. In the first scenario, all of the J Business District is developed with single family homes, and the north and south centers are developed at the densities recommended in the GHLUP. Under that scenario there would be an increase in housing from 118 units to 340 units accompanied by a significant decrease in commercial use as compared to the maximum development under existing zoning.

Permitted Use Zoning District Area in acres **Building Area** Residential Units 3.36 40k sf residential lot **A**1 3 **A**1 3.15 Recreation A2 2.07 Open Space \_ 70.79 205 15,000 square foot residential lot J6 5,880 8.4 North Center 13 1.43 J6 Open Space PDD 41.8 South Center 18,000 118 131.00 23,880 339

Table 3-2 - Development Under Proposed Conditions - Scenario 1

Under the second scenario, all of the J Business District is developed with office use, and the north and south centers are developed at the densities recommended in the GHLUP. Under that scenario there would be an increase in commercial use and a similar number of housing units as compared to the maximum development under existing zoning.

Zoning District Permitted Use Residential Units Area in acres **Building Area** 3.36 A1 40k sf residential lot 3 **A**1 3.15 Recreation 2.07 A2 Open Space Office Use at 20% Lot 70.79 616,722 J Occupancy J6 5,880 13 8.4 North Center J6 1.43 Open Space PDD 41.8 South Center 18,000 118 131.00 640,602 134

Table 3-3 - Development Under Proposed Conditions - Scenario 2

It is likely that the actual development would fall somewhere in between these two extreme scenarios, with an increase in housing and a decrease in commercial use. In the third scenario, half of the acreage is developed with residential use and half with commercial use. Regardless of the scenario, as some of these properties are already developed, it is

likely that with the exception of the North and South Centers, redevelopment would occur over an extended time frame, if at all.

Zoning District Permitted Use **Building Area** Residential Units Area in acres 40k sf residential lot 3.36 A1 3 **A**1 3.15 Recreation A2 2.07 Open Space Office Use at 20% Lot J 35.39 308,361 Occupancy J 35.39 15,000 square foot residential lot 102 J6 8.4 North Center 5,880 13 1.43 **J**6 Open Space PDD 41.8 South Center 18,000 118 131.00 332.241 236

Table 3-4 - Development Under Proposed Conditions - Scenario 3

#### 3.3. Other Recommendations

While the zoning and land use changes discussed above have the potential to create environmental impacts, many of the other recommendations of the GHLUP would not be expected to create adverse environmental impacts. These include:

- Specifying a percentage of affordable housing in the Neighborhood Centers.
- Working with housing groups like the Long Island Housing Partnership to acquire, consolidate, and redevelop selected small lot clusters.
- Working with housing groups like the Long Island Housing Partnership to purchase distressed mortgages and prevent foreclosures.
- Monitor locations of housing utilized by sex offenders in Gordon Heights. Enforce Town and County regulations for housing utilized by sex offenders
- Develop and maintain a sex offender tracking system with real time updates on both sex offender and childcare locations that includes an email notification system.
- Conduct annual seminars to educate residents and organizations that care for children on current policy and procedures regarding housing utilized by sex offender.
- Institute area restrictions for housing utilized by sex offenders to avoid clustering.
- Require property owners wishing to house multiple offenders to register as a group home, obtain permits, and provide for tenants' mental and physical health needs either in house or by referral.

- Require other levels of government to comply with local laws regarding housing utilized by sex offenders.
- Expediting permitting for new retail business in the Gordon Heights Neighborhood Centers.
- Infrastructure improvements including wastewater treatment plant capacity, street lighting, bus routing, bicycle lanes and racks, sidewalks, crosswalks, trail connections, pocket parks, and minor street extensions for connectivity.
- Redraw the boundaries of the Gordon Heights Fire District to incorporate all of traditional Gordon Heights to include all existing and future Gordon Heights commercial development inside the fire district. The potential impacts of this change are discussed in detail in Appendix B of the GHLUP.

Table 3-5 - Proposed Zoning and Land Use Changes

	Map ID	Tax Map Number	Existing Land Use	Proposed Land Use	Existing Zoning	Proposed Zoning	Acreage	Comments
Str.	1							
351.24.8   Commercial   Transitional   A1   J   3.0338   Zoning	1							
St. 2.8.1   Institutional   Transitional   H								
4512-82   Montantonal   Transitional   PA								
Section								
65   452-114.2   Commercial   Transitional   14								
#   ##   ##   ##   ##   ##   ##   ##						J		
R						J		
9   452-1-11.3   Commercial   Mixed Use Hander Center   A1   J6   0.7132   Zoning	8	452-1-10.1	Open Space / Preserve	Open Space / Preserve	A2	A2	1.1665	No Zone Change this part
10								Zoning Change this part
10   4521-11.2   Open Space / Preserve   A2   A2   A2   A3   A3   A3   A3   A3								
10								
11   452-1-13   Vacant   Mixed Use Handel Center   A1   A1   0.0575   N. O.6562   Zaning Change this par   11   452-1-13   Vacant   Mixed Use Handel Center   A1   36   0.0462   Zaning Change this par   12   440-1-151   Commercial   Mixed Use Handel Center   12   36   0.3817   Zaning Change this par   13   452-1-151   Commercial   Mixed Use Handel Center   12   36   0.3817   Zaning Change this par   452-2-1   452-2-1-151   Commercial   Mixed Use Handel Center   A1   36   0.3260   Zaning Change this par   452-2-2   Residential   Mixed Use Handel Center   A1   36   0.3260   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.3260   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0220   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0220   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0220   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0220   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0220   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   36   0.0250   Zaning   Commercial   Mixed Use Handel Center   A1   A1   A1   A1   A1   A1   A1   A								
11								
11   482-1-13								
12   439-15.1   Commercial   Mixed Use Hamlet Center   12   16   1.3428   Zoning     13   452-25.3   Residential   Mixed Use Hamlet Center   12   16   1.3009   Zoning     14   439-3-22.1   Institutional (Church)   Mixed Use Hamlet Center   12   16   1.3009   Zoning     15   452-25.2   Residential   Mixed Use Hamlet Center   Al   16   0.2244   Zoning     16   452-25.6   Residential   Mixed Use Hamlet Center   Al   16   0.2244   Zoning     17   439-3-2   Commercial   Mixed Use Hamlet Center   Al   16   0.2244   Zoning     18   439-3-28   Commercial   Mixed Use Hamlet Center   Al   16   0.0256   Zoning     19   439-3-28   Commercial   Mixed Use Hamlet Center   Al   16   0.0256   Zoning     19   439-3-28   Commercial   Mixed Use Hamlet Center   Al   16   0.0256   Zoning     20   439-3-28   Commercial   Mixed Use Hamlet Center   Al   16   0.0256   Zoning     20   439-3-28   Commercial   Mixed Use Hamlet Center   Al   16   0.0256   Zoning     21   431-3-1   Vacant   Mixed Use Hamlet Center   Al   16   0.0257   Zoning     22   431-3-2   Commercial   Mixed Use Hamlet Center   Al   16   0.0378   Zoning     22   431-3-2   Vacant   Transitional   Al   J   0.6111   Zoning     22   431-3-2   Vacant   Transitional   Al   J   0.6111   Zoning     23   431-3-3   Commercial   Transitional   Al   J   0.03732   Zoning     24   431-3-4   Vacant   Transitional   Al   J   0.0356   Zoning     25   431-3-3   Commercial   Transitional   Al   J   0.0056   Zoning     26   431-3-1   Commercial   Transitional   Al   J   0.0056   Zoning     27   431-3-1   Commercial   Transitional   Al   J   0.0077   Zoning     28   431-3-1   Commercial   Transitional   Al   J   0.0077   Zoning     29   431-3-1   Commercial   Transitional   Al   J   0.0079   Zoning     20   431-3-1   Commercial   Transitional   Al   J   0.0079   Zoning     21								
13								
15	13	452-2-3			A1	J6	0.3249	Zoning
16	14	430-3-22.1	Institutional (Church)	Mixed Use Hamlet Center	J2	J6	1.3009	Zoning
18   439-2-38   Commercial   Mixed Use Hamlet Center   12   16   0.4892   Zoning								
18								
18					_			
190								
20								
20								
21								
22					_			
22								Control of the contro
23   431-3-3   Commercial   Transitional   Al   J   0.036   Zoning     24   431-3-8   Commercial   Transitional   Al   J   0.9978   Zoning     24   431-3-8   Commercial   Transitional   Al   J   0.9978   Zoning     25   431-3-9   Vacant   Transitional   Al   J   1.1337   Zoning     25   431-3-9   Vacant   Transitional   Al   J   1.1337   Zoning     25   431-3-9   Vacant   Transitional   Al   J   1.1337   Zoning     26   431-3-10   Commercial   Transitional   Al   J   0.1599   Zoning     26   431-3-10   Commercial   Transitional   Al   J   0.1599   Zoning     27   431-3-12   Commercial   Transitional   J2   J   0.1414   Zoning     28   431-3-12   Residential   Transitional   Al   J   1.9953   Zoning     28   431-3-12   Residential   Transitional   Al   J   1.9953   Zoning     28   431-3-12   Residential   Transitional   Al   J   1.9953   Zoning     29   431-3-13   Vacant   Transitional   Al   J   4.7524   Zoning     29   431-3-13   Vacant   Transitional   Al   J   4.7524   Zoning     30   431-3-13   Vacant   Transitional   Al   J   2.3643   Zoning     31   431-3-2-3   Commercial   Transitional   Al   J   4.0605   Zoning     32   431-3-62   Vacant   Transitional   Al   J   4.0605   Zoning     33   431-3-62   Commercial   Transitional   Al   J   0.0505   Zoning     33   431-3-63   Commercial   Transitional   Al   J   0.0505   Zoning     34   431-3-2-3   Commercial   Transitional   Al   J   0.0743   Zoning     34   431-3-2-3   Commercial   Transitional   Al   J   0.0743   Zoning     35   431-3-2-3   Transitional   Al   J   0.0700   Zoning     36   431-3-2-3   Transitional   Al   J   0.0700   Zoning     37   431-3-2-3   Transitional   Al   J   0.0700   Zoning     38   431-3-2-3   Transitional   Al   J   0.0700   Zoning     39   431-3-2-3   Transitional   Al   J   0.0700   Zoning     30   431-3-2-3   Transitional   Al   J   0.0700   Zoning     31   431-3-2   Transitional   Al   J   0.0700   Zoning     32   431-3-2   Transitional   Al   J   0.0700   Zoning     40   431-4   Commercial   Transitional   Al   J   0.0700					_	J		
24   431-38   Commercial   Transitional   12   J   0.2372   Zoning     24   431-38   Commercial   Transitional   12   J   0.9978   Zoning     25   431-39   Vacant   Transitional   12   J   0.9070   Zoning     25   431-39   Vacant   Transitional   12   J   0.9070   Zoning     25   431-39   Vacant   Transitional   12   J   1.0850   Zoning     26   431-3-10   Commercial   Transitional   12   J   0.1509   Zoning     26   431-3-10   Commercial   Transitional   Al   J   0.1509   Zoning     27   431-3-11   Commercial   Transitional   12   J   0.2414   Zoning     28   431-3-12   Commercial   Transitional   12   J   2.5668   Zoning     28   431-3-12   Residential   Transitional   12   J   0.2542   Zoning     28   431-3-12   Residential   Transitional   12   J   0.2542   Zoning     29   431-3-13   Vacant   Transitional   12   J   0.2542   Zoning     30   431-3-14   Vacant   Transitional   Al   J   4.7524   Zoning     31   431-3-13   Vacant   Transitional   Al   J   2.3643   Zoning     32   431-3-20   Vacant   Transitional   Al   J   0.0505   Zoning     33   431-3-26   Commercial   Transitional   Al   J   0.0505   Zoning     34   431-3-26   Commercial   Transitional   Al   J   0.0505   Zoning     33   431-3-26   Commercial   Transitional   Al   J   0.0505   Zoning     34   431-3-26   Commercial   Transitional   Al   J   0.0505   Zoning     34   431-3-26   Commercial   Transitional   Di   Di   Di   Di   Di   Di   Di   D			Vacant	Transitional		J	0.1150	
24   431-3-8   Commercial   Transitional   Al	23	431-3-3	Commercial	Transitional	A1	J	0.0036	Zoning
24					_			
25								
25					_			
26								
26					_			
27					_			Ü
28         431-3-12         Residential         Transitional         A1         J         1.9935         Zoning           28         431-3-12         Residential         Transitional         J2         J         0.2542         Zoning           29         431-3-14         Vacant         Transitional         A1         J         4.7524         Zoning           30         431-3-14         Vacant         Transitional         A1         J         2.3643         Zoning           31         431-3-162         Vacant         Transitional         A1         J         4.0605         Zoning           32         431-3-62         Vacant         Transitional         A1         J         0.0505         Zoning           33         431-3-26.3         Commercial         Transitional         J2         J         0.6001         Zoning           34         431-3-26.1         Commercial         Transitional         J2         J         0.0238         Zoning           35         431-3-27         Institutional         Transitional         J2         J         0.2386         Zoning           36         431-3-27         Institutional         Transitional         J2         J								
28					_			
30		431-3-12	Residential	Transitional	J2	J	0.2542	
31	29	431-3-13.1	Vacant	Transitional	A1	J	4.7524	Zoning
32								
33					_	J		
33   431-3-26.3   Commercial   Transitional   J2   J   0.6001   Zoning						J		
34   431-3-26.1   Commercial   Transitional   A1   J   0.1790   Zoning								
34   431-3-26.1   Commercial   Transitional   J2   J   0.2836   Zoning								
35   431-3-27								
35   431-3-27   Institutional   Transitional   J2   J   0.2308   Zoning								
36						J		
38	36		Commercial			J	0.3511	
39   431-3-30.5   Commercial   Transitional   J2   J   0.6397   Zoning								
40								
40   431-4-8   Commercial   Transitional   J2   J   0.2314   Zoning					_			. 0
41         431-4-9         Commercial         Transitional         A1         J         0.7657         Zoning           41         431-4-9         Commercial         Transitional         J2         J         0.2338         Zoning           42         431-4-29         Commercial         Transitional         A1         J         0.7002         Zoning           42         431-4-29         Commercial         Transitional         J2         J         2.1110         Zoning           43         452-3-44         Abandoned Commercial         Residential         A1         A1         0.5235         Non-Conforming Use           44         452-2-38         Industrial         Residential         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         A1         0.5323         Non-Conforming Use           48								
41         431-4-9         Commercial         Transitional         J2         J         0.2338         Zoning           42         431-4-29         Commercial         Transitional         J1         0.7002         Zoning           42         431-4-29         Commercial         Transitional         J2         J         2.1110         Zoning           43         452-3-44         Abandoned Commercial         Residential         A1         A1         0.5235         Non-Conforming Use           44         452-2-38         Industrial         Residential         A1         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         A1         0.5323         Non-Conforming Use           48         497-3-13         Vacant         Recreational         A1         A1         A1         0.5323         Non-Conforming Use								
42         431-4-29         Commercial         Transitional         A1         J         0.7002         Zoning           42         431-4-29         Commercial         Transitional         J2         J         2.1110         Zoning           43         452-3-44         Abandoned Commercial         Residential         A1         A1         0.5235         Non-Conforming Use           44         452-2-38         Industrial         Residential         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         A1         0.7343         Proposed Pocket Park           48         497-3-13         Vacant         Recreational         A1         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         A1         A1								
42         431-4-29         Commercial         Transitional         J2         J         2.1110         Zoning           43         452-3-44         Abandoned Commercial         Residential         A1         A1         0.5235         Non-Conforming Use           44         452-2-38         Industrial         Residential         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         A1         0.7343         Proposed Pocket Park           48         497-3-13         Vacant         Recreational         A1         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD								
43         452-3-44         Abandoned Commercial         Residential         A1         A1         0.5235         Non-Conforming Use           44         452-2-38         Industrial         Residential         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         0.5323         Non-Conforming Use           48         497-3-13         Vacant         Recreational         A1         A1         A1         0.7343         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         A1         0.3895         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning								
44         452-2-38         Industrial         Residential         A1         A1         1.6283         Non-Conforming Use           45         453-2-20         Vacant         Recreational         A1         A1         1.5591         Proposed Pocket Park           46         479-4-9         Abandoned Commercial         Residential         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         0.7343         Proposed Pocket Park           48         497-3-13         Vacant         Recreational         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53								
46         479-4-9         Abandoned Commercial         Residential         A1         A1         0.5323         Non-Conforming Use           47         496-5-19         Vacant         Recreational         A1         A1         0.7343         Proposed Pocket Park           48         497-3-13         Vacant         Recreational         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning		452-2-38	Industrial					Non-Conforming Use
47         496-5-19         Vacant         Recreational         A1         A1         0.7343         Proposed Pocket Park           48         497-3-13         Vacant         Recreational         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning	45		Vacant	Recreational	A1	A1		Proposed Pocket Park
48         497-3-13         Vacant         Recreational         A1         A1         0.3895         Proposed Pocket Park           49         527-1-5         Vacant         Recreational         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning								
49         527-1-5         Vacant         Recreational         A1         A1         0.4667         Proposed Pocket Park           50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning								
50         526-1-20         Vacant         Mixed Use Hamlet Center         A1         PDD         5.9883         Zoning           51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning					_			•
51         545-1-1         Vacant         Mixed Use Hamlet Center         A1         PDD         4.0995         Zoning           52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning								
52         545-1-4         Vacant         Mixed Use Hamlet Center         A1         PDD         3.8994         Zoning           53         526-1-19         Vacant         Mixed Use Hamlet Center         A1         PDD         25.2393         Zoning								
53 526-1-19 Vacant Mixed Use Hamlet Center A1 PDD 25.2393 Zoning								
								Control of the contro
55 545-3-1.1 Vacant Mixed Use Hamlet Center A1 PDD 1.8572 Zoning								

### 4. Environmental Setting

The environmental setting of the study area is described in detail in the sections entitled Land Use and Zoning, Infrastructure, and Environmental Resources in the GHLUP, which is an integral part of this DGEIS.

## 5. Potential Significant Adverse Environmental Impacts, Mitigation Measures and Alternatives

Many of the recommendations of the GHLUP improve quality of life and would not create significant adverse environmental impacts. The primary action that has the potential to create significant adverse impacts is the rezoning of approximately 131 acres of Gordon Heights 1745 acres. The following analyses compare the No Action Alternative (development under existing zoning) with the proposed action. Where appropriate, as the proposed action will vary depending on actual uses proposed for specific sites, the three scenarios discussed in Section 3 above are analyzed.

#### 5.1. Geology, Soils, and Topography

*Potential Impacts* – The recommendations will result in relocation of the density of development. It is not anticipated that any future development under existing or proposed conditions would affect geologic conditions.

According to the Web Soil Survey<sup>1</sup>, the study area consists of primarily Carver and Plymouth sands which are deep, well drained soils (Table 5-1). Any future development under existing or proposed conditions would be required to protect soils with soil erosion control plans and provide adequate on site stormwater containment.

Map Unit Symbol Map Unit Name Percent At Atsion sand 3.5% Carver and Plymouth sands, 0 to 3 percent slopes 31.5% CpA Carver and Plymouth sands, 3 to 15 percent slopes CpC 22.8% Carver and Plymouth sands, 15 to 35 percent slopes CpE 11.0% CuB Cut and fill land, gently sloping 5.0% MfA Montauk fine sandy loam, 0 to 3 percent slopes 0.8% Plymouth loamy sand, 0 to 3 percent slopes PIA 12.6% PIB Plymouth loamy sand, 3 to 8 percent slopes 7.9% PIC Plymouth loamy sand, 8 to 15 percent slopes 0.2% Riverhead sandy loam, 0 to 3 percent slopes RdA 2.9% 0.0% Riverhead sandy loam, 3 to 8 percent slopes RdB Scio silt loam, sandy substratum, 0 to 2 percent slopes SdA 1.0% W Water 0.7% 100.0%

Table 5-1 - Soil Survey

The majority of the study area has slopes of 0 to 10% with approximately 20% of the study area having slightly steeper slopes up to 15%. Therefore, no zoning or land use changes are proposed in steep slope areas.

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<sup>&</sup>lt;sup>1</sup> http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx

*Proposed Mitigation* – None required.

#### 5.2. Groundwater – Water Use and Wastewater Treatment

Potential Impacts – Impacts to groundwater include those related to withdrawals and others related to infiltration. The zoning and land use changes proposed could result in increased withdrawal of groundwater. Water consumption and wastewater generation is estimated to be approximately 69,000 gallons per day (gpd) under existing zoning and to range from 75,000 to 100,000 gallons per day (gpd) for the proposed zoning and land use changes (Table 5-2). However, under existing zoning, parcels would likely be developed at densities that would allow on-site sanitary systems. By concentrating development in the neighborhood centers, a wastewater treatment plant would be required, which should provide better treatment and therefore, better groundwater protection.

*Proposed Mitigation* — Water conservation methods could reduce consumption of public water. Drought-tolerant plants could be used where possible to reduce irrigation needs. Pervious materials could be used wherever possible to increase infiltration. Roof collection systems could return rainwater to the ground through the use of dry wells.

#### 5.3. Stormwater

*Potential Impacts* – The zoning and land use changes proposed could result in additional impervious surfaces, especially under Scenario 2. Runoff from roads and parking areas may carry contaminants such as metals, petroleum hydrocarbons, sand, salt, and other compounds. Runoff from non-vehicle areas such as roofs, courtyards, patios, and tennis courts would be relatively clean. Stormwater could lead to erosion and sedimentation if not properly controlled.

Proposed Mitigation - Stormwater systems would be required to capture and treat runoff.

#### 5.4. Land Use and Zoning

Potential Impacts – Changes to land use and zoning are proposed which will redirect development into Neighborhood Centers. These changes are described in detail in the GHLUP.

*Proposed Mitigation* – The proposed changes in land use and zoning are in themselves a mitigation method.

**Table 5-2 - Water and Wastewater** 

Zoning	Area in	Permitted Use	Building	Residential	Water/Wastewater Rate/Gallons per Day	
District	acres		Area	Units	Kate/Gallo	ons per Day
EXISTING						
A1	78.99	40k residential lot		78	300	23,400
A2	3.50	Open Space		-		
J2	26.05	Commerical	397,158	-	0.06	23,829
J4	15.83	Commercial	172,389	-	0.06	10,343
J5	0.63	Commerical	6,861	-	0.06	411.64
PRC	6.00	6 units/acre		36	300	10,800
Tota	1 131.00		576,408	114		68,784
<b>SCENARIO</b>	1					
A1	3.36	40k residential lot	-	3	300	900
A1	3.15	Recreation		-		
A2	2.07	Open Space	-	-		=
J	70.79	15k residential lot		205	300	61,500
			5,880		0.06	353
J6	8.4	North Center		9	225	2,025
				4	300	1,200
J6	1.43	Open Space				-
			18,000		0.06	1,080
PDD	41.8	South Center		10	225	2,250
				108	300	32,400
Tota			23,880	339		101,708
<b>SCENARIO</b>				<del>,                                      </del>		
A1	3.36	40k residential lot	-	3	300	900
A1	3.15	Recreation		-		
A2	2.07	Open Space	-	-		_
J	70.79	Commercial	616,722	-	0.06	37,003
			5,880		0.06	353
J6	8.4	North Center		9	225	2,025
				4	300	1,200
J6	1.43	Open Space				-
		South Center	18,000		0.06	1,080
PDD	41.8			10	225	2,250
				108	300	32,400
Tota			640,602	134		77,211
SCENARIO		101 11 11			260	1 000
A1	3.36	40k residential lot	-	3	300	900
A1	3.15	Recreation		-		
A2	2.07	Open Space	-	-	• • • • • • • • • • • • • • • • • • • •	-
J	35.395	15k residential lot	200.211	102	300	30,600
J	35.395	Commercial	308,361		0.06	18,502
J6		North Center	5,880		0.06	353
	8.4			9	225	2,025
				4	300	1,200
J6	1.43	Open Space				-
PDD		South Center	18,000		0.06	1,080
	41.8			10	225	2,250
				108	300	32,400
Tota	1 131.0		332,241	236		89,309

<sup>\*</sup>Assumed all office use for generation rate; could be higher for restaurants or other wet uses.

#### 5.5. Ecological Resources

Potential Impacts of Proposed Project – The zoning and land use changes proposed could result in a change of habitats found on some parcels. Most of the wildlife expected to be found in these areas are those species that are tolerant of human activity because of the existing habitats and the intensity of the existing and surrounding land uses. The effect on the density and diversity of both local and regional populations should be minimal, as the area represents only a small portion of similar habitats available in the vicinity.

*Proposed Mitigation* – No rare plants, rare animals or rare ecological communities are known to occur on the parcels recommended for zoning and land use changes. Some parcels are recommended to be preserved as open space.

#### 5.6. Transportation – Traffic and Parking

NYS Route 25 (Middle Country Road) is an east-west New York State Department of Transportation (NYSDOT) arterial. The cross-section has one travel lane in each direction with left turn lanes at some intersections, and relatively wide shoulders. There are various signalized intersections throughout this section of Middle Country Road. The road's Average Annual Daily Traffic (AADT) volume in the Gordon Heights area ranges from 23,000 to 24,500 vehicles per day.

Mill Road is a northwest-southeast road under the jurisdiction of the Town of Brookhaven. It has one travel lanes in each direction, and its AADT volume in the Gordon Heights area ranges from 5,800 to 7,700 vehicles per day.

Granny Road is an east-west road that is also under Town of Brookhaven jurisdiction. It has one lane in each direction, with turn lanes at some key intersections. Its AADT volume is approximately 5,350 vehicles per day.

Mt. Sinai-Coram Road is a north-south road under Town of Brookhaven jurisdiction. It has one lane in each direction, with turn lanes at some key intersections, and its AADT volume is approximately 10,300 vehicles per day.

Potential Impacts of Proposed Project – The trips for each scenario have been calculated according to the Institute of Transportation Engineers (ITE) publication, *Trip Generation*,  $\delta^{th}$  Edition (Table 5-3).

According to this manual, the following summarizes the trips each potential zoning scenario would yield:

Existing: Peak hour trips range from 315 to 961 trips per hour.

- Scenario 1: Peak hour weekday trips are smaller than the Existing potential, while weekend trips are higher. Volumes are more balanced in this scenario, but are smaller overall.
- Scenario 2: Peak hour weekday and weekend trip volumes are higher than the Existing potential.
- Scenario 3: As with Scenario 1, peak hour weekday trips are smaller than the Existing potential, while weekend trips are higher. Volumes are more balanced in this scenario, but are smaller overall.

PM Peak AM Peak Saturday Peak Development Under Enter Exit Enter Exit Enter Exit **Existing Zoning** 801 160 201 748 169 146 Proposed Zoning - Scenario 1 80 208 252 166 232 207 234 Proposed Zoning - Scenario 2 881 210 280 857 266 Proposed Zoning - Scenario 3 481 213 270 514 251 223

**Table 5-3 - Trip Generation** 

Peak hour trips for any scenario would be split among various directions and different travel routes. Given the comparison between the potential trip generation of the Existing zoning to the various potential zoning scenarios, the existing roadway network will not be affected to a significantly greater degree by trips associated with the potential zoning or land use changes.

*Proposed Mitigation* – No mitigation is needed.

#### 5.7. Visual Quality and Community Character

Potential Impacts of Proposed Project – The views along major roadways would change as development is clustered into the North and South Neighborhood Centers and potentially lessened along the remainder of Middle Country Road. Particularly in the South Center, views of wooded land would change to views of developed land.

*Proposed Mitigation* – Development of the North and South Centers would include landscaping treatments to create visual buffering of uses between the sites and adjacent properties. The lighting plans would be designed for safety and to highlight visually appealing elements of the architecture and landscape. Lighting plans would be designed in conformance with Town Code §85-463, which requires containment of light on site and sets location, lumen output, wattage, hours of use and other lighting standards to mitigate harmful impacts.

#### 5.8. Noise

Potential Impacts of Proposed Project – The zoning and land use changes proposed are not anticipated to increase noise levels significantly as they consist of residential and commercial uses not unlike those already found in the community.

*Proposed Mitigation* – None required.

#### 5.9. Air Quality

Potential Impacts of Proposed Project – The zoning and land use changes proposed will not cause significant traffic volume changes and therefore will not create conditions that would significantly impact air quality.

*Proposed Mitigation* – No mitigation is required.

#### 5.10. Cultural Resources

Potential Impacts of Proposed Project – Historic sites in or near Gordon Heights would not be affected by the zoning and land use changes proposed

*Proposed Mitigation* – No mitigation is required.

#### 5.11. Community Services

Potential Impacts of Proposed Project – Many of the properties proposed to be rezoned currently require police, fire and emergency response. Developing currently undeveloped parcels will increase demand over existing levels. However, the comparison between maximum development under existing and proposed zoning would not be expected to be significantly different.

School aged children could be generated by the new housing units proposed in the North and South Centers. In addition, rezoning to J Business District will allow some housing instead of commercial structures along Middle Country Road.

*Proposed Mitigation* – The various taxing districts would be expected to benefit from increased tax revenues.

#### 5.12. Utilities

Potential Impacts of Proposed Project – Wastewater treatment capacity would need to be developed to meet the needs of the proposed development in the south center under the proposed zoning. Chapter 6 of the Land Use Plan provides detailed information on ways in which this capacity could be created.

Proposed Mitigation - None required.

#### 5.13. Economic Impacts

Potential Impacts of Proposed Project – The zoning and land use changes proposed should create tax benefits to affected taxing jurisdictions.

*Proposed Mitigation* – Impacts are positive so none required.

#### 5.14. Summary

This generic analysis has indicated that the adoption of the GHLUP is not expected to allow development that would generate greater significant adverse environmental impacts than development under existing zoning. However, development of existing vacant land, or redevelopment of developed properties, whether under existing or proposed zoning, does have the potential to create significant adverse environmental impacts as compared to existing conditions, depending on the individual site conditions, the proposed use and the density of development. Therefore, future development proposals may require site specific analysis for compliance with SEQRA.