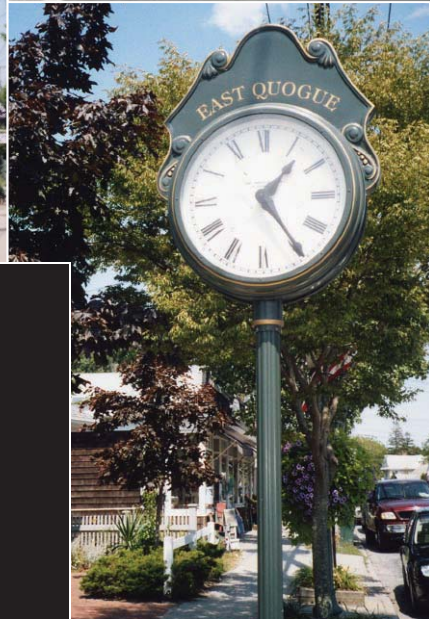




EAST QUOGUE
ESTABLISHED 1673



East Quogue

Draft Generic Environmental
Impact Statement

Prepared by Town of Southampton
With the assistance of:
AKRF, Inc.



**Town of Southampton
East Quogue
Draft Generic Environmental Impact
Statement**

March 2008

ACKNOWLEDGMENTS

Southampton Town Board
Supervisor Hon. Linda A. Kabot
Councilwoman Hon. Nancy S. Graboski
Councilwoman Hon. Anna Throne-Holst
Councilman Hon. Christopher R. Nuzzi
Councilman Hon. Daniel A. Russo

This document was prepared through a coordinated effort of the Town and its staff, the consultant team, the Advisory Committee, and public input. The Advisory Committee was comprised of Dennis Finnerty representing the Southampton Planning Board, Eric Shultz representing Southampton Town Trustees, Jon Erwin and William Potter representing the East Quogue Fire Department, Joan Hughes representing the East Quogue Citizen Advisory Committee, James Cuminsky, Jim Agals and William Hayek representing the East Quogue Chamber of Commerce, Robert Kandell, Al Algieri, and Maura Forman representing the East Quogue Civic Association, Kathy Kazanas representing the Agricultural Overlay District, William Kearns and Roberta Shoten representing the East Quogue Board of Education, and Joseph Donovan, Superintendent of East Quogue Schools.

**TOWN OF SOUTHAMPTON
EAST QUOGUE
GENERIC ENVIRONMENTAL IMPACT STATEMENT**

PROJECT LOCATION: East Quogue
Town of Southampton
Suffolk County, State of New York

LEAD AGENCY AND CONTACT: Town of Southampton
Town Board
Town Hall
116 Hampton Road
Southampton, NY 11968
631-283-6000

Mr. Jefferson Murphree, AICP
Town Planning and Development Administrator
Department of Land Management
631-702-1800

**DATE OF ACCEPTANCE
BY LEAD AGENCY:**

AVAILABILITY OF DOCUMENTS: This document is a complete Draft Generic Environmental Impact Statement (DGEIS). Copies are available for public review and comment at the offices of the Town Clerk, on the Town website at <http://www.town.southampton.ny.us>, and at Quogue Library. Comments on the DGEIS are requested and can be given at a public hearing at a date to be determined by the lead agency. There will also be a period for submitting written comments.

GEIS PREPARERS: AKRF, Inc.
3900 Veterans Memorial Highway, Suite 300
Bohemia, NY 11716

Robert M. White, AICP
Vice President
(646) 388-9780

Jessica Zanca, AICP
Senior Environmental Planner
(631) 285-6980

Table of Contents

Executive Summary	S-1
Chapter 1: Project Background	1-1
A. Introduction.....	1-1
B. Study Area Definition and Analysis Year	1-1
C. Planning Background.....	1-2
Town Board Resolution No. 2005-1353 (October 2005)	1-4
Town Board Resolution No. 2006-360 (March 2006).....	1-4
Town Board Resolution No. 2006-396 (March 2006).....	1-5
Town Board Resolution No. 2006-454 (March 2006).....	1-5
Town Board Resolution No. 2006-578 (April 2006).....	1-6
Town Board Resolution No. 2006-1117 (August 2006).....	1-6
Town Board Resolution No. 2007-623 (April 2007).....	1-6
Town Board Resolution No. 2007-1440 (October 2007)	1-6
Town Board Resolution No. 2007-1440 (October 2007)	1-7
D. Study Goals and Objectives.....	1-7
E. Town and Regional Land Use Policies.....	1-7
Town of Southampton	1-7
Suffolk County.....	1-23
New York State.....	1-27
Federal	1-36
Chapter 2: Existing Conditions	2-1
A. Introduction.....	2-1
B. Land Use, Zoning, and Neighborhood Character	2-1
Study Area Land Use.....	2-1
Zoning and Land Use Regulations.....	2-3
C. Population and Housing.....	2-8
Population	2-8
Housing Characteristics	2-14
D. Community Facilities and Services	2-16
Police	2-16
Fire Protection.....	2-16
Schools.....	2-17
Libraries.....	2-19
Health Services	2-19
Other Community Facilities.....	2-20
E. Economic and Fiscal Considerations.....	2-21
Property Tax Structure.....	2-21
Tax Districts.....	2-21
Local Businesses.....	2-23
Employment Characteristics	2-25
F. Open Space	2-25
Level of Service (LOS).....	2-26
Open Space Preservation Plans, Programs, and Policies	2-27
G. Natural Resources	2-33
Natural Communities.....	2-33

Wildlife Habitat	2-39
Avian Habitat and Species	2-41
H. Soils, Geology, and Water Resources	2-46
Groundwater Policy and Management	2-46
Soils	2-49
Hydrogeologic Setting	2-51
Topography	2-52
Groundwater Resources	2-53
Surface Water Resources	2-57
I. Scenic Resources	2-60
Scenic Road Corridors and Features	2-60
Comprehensive Plan	2-61
J. Cultural Resources	2-62
Historical Development	2-62
Historic Resources	2-63
Archaeological Resources	2-67
K. Traffic, Air, and Noise	2-67
Traffic	2-67
Air Quality	2-75
Noise Conditions	2-75
L. Solid Waste Management	2-76
Overview	2-76
Southampton Town Solid Waste Management and Recycling Program	2-76
Chapter 3: Recommended Plan and Impact Analysis	3-1
A. Introduction	3-1
B. Recommended Plan	3-1
Plan Objectives	3-1
Land Use Recommendations	3-2
Circulation Plan	3-4
Utilities Plan	3-5
C. Action Items	3-5
D. Environmental Impact Analysis	3-6
Land Use, Public Policy, and Neighborhood Character	3-6
Population and Housing	3-8
Community Facilities and Services	3-8
Economic and Fiscal Considerations	3-10
Open Space and Recreational Facilities	3-11
Natural Resources	3-12
Physical Features and Water Resources	3-13
Utilities	3-14
Scenic Resources	3-14
Cultural Resources	3-15
Traffic and Transportation/Parking Facilities	3-15
Air	3-16
Noise	3-16
Solid Waste Management and Recycling	3-17
E. Growth Inducing Impacts	3-17

F.	Construction Impacts	3-17
	Air Quality	3-18
	Noise	3-18
	Groundwater and Surface Water Resources	3-18
G.	Irreversible and Irretrievable Commitment of Resources.....	3-19
H.	Energy Use and Conservation.....	3-19
I.	Mitigation and Unavoidable Adverse Impacts	3-19
Chapter 4: Alternatives Analysis.....		4-1
A.	Introduction.....	4-1
B.	No Action Condition.....	4-2
C.	Analysis of Alternatives.....	4-9
	Zoning Build-Out Alternative.....	4-9
	Proposed Projects Alternative.....	4-14
	Upzoning Density Alternative	4-24
	Cluster Development Alternative	4-27
	Cluster Development with Upzoning Alternative.....	4-28
	Workforce-Senior Housing Alternative.....	4-28
	Preservation of Agricultural Land Alternative.....	4-29
	Hamlet Transfer of Development Rights Alternative	4-29
	Hamlet Transfer of Development Rights Upzoning Density Alternative	4-34
D.	Summary	4-34
Chapter 5: Bibliography.....		5-1
Appendix A: Projected and Potential Development Site Tax Lots		
Appendix B: Natural Resources		
Appendix C: Traffic Analysis		

List of Tables

Table S-1	Comparison of Alternatives and Recommended Plan	S-3
Table S-2	Projected and Potential Development Sites	S-5
Table 1-1	Projected and Potential Development Sites	1-3
Table 1-2	Zoning Districts in the Study Area	1-12
Table 1-3	Allowable Area of Lot Disturbance in the Aquifer Protection Overlay District ...	1-16
Table 1-4	Transfer of Development Rights Development Yield Factor	1-17
Table 1-5	Transfer of Development Rights Regulations.....	1-18
Table 1-6	Lands Identified for Preservation by the Community Preservation Project Fund	1-22
Table 1-7	Central Pine Barrens Acreage Designated within the Town of Southampton	1-28
Table 1-8	Clearance Standards.....	1-30
Table 2-1	Existing Study Area Land Use.....	2-2
Table 2-2	Zoning Districts in the Study Area	2-4
Table 2-3	Zoning Lot Regulations for Districts in the Study Area	2-5
Table 2-4	Historical Population Growth, 1970 to 2005	2-9
Table 2-5	Population Density Per Acre.....	2-10
Table 2-6	Population Projections, 1990 to 2030	2-11
Table 2-7	Age Cohorts	2-12
Table 2-8	Birth and Birth Rates	2-13
Table 2-9	Household Characteristics	2-14
Table 2-10	Tenure and Vacancy Status of Housing Units	2-15
Table 2-11	Housing Types	2-15
Table 2-12	Quarterly Home Sale Statistics	2-16
Table 2-13	School District Enrollment	2-18
Table 2-14	Enrollment for Westhampton Beach UFSD Schools	2-18
Table 2-15	Existing Property Tax Structure of Study Area and Town	2-21
Table 2-16	Tax Districts Applicable to East Quogue Study Area.....	2-22
Table 2-17	Cost Per Student Attending East Quogue Elementary School.....	2-22

East Quogue Generic Environmental Impact Statement

Table 2-18 Tuition Paid to Westhampton Beach.....2-23

Table 2-19 East Quogue Neighborhood Businesses.....2-23

Table 2-20 Employment Characteristics2-25

Table 2-21 Parkland Level of Service2-27

Table 2-22 Natural Communities Coverage within the Study Area.....2-34

Table 2-23 Animals Likely Present in the Study Area2-40

Table 2-24 Amphibians and Reptiles Known to Occur in the Study Area.....2-41

Table 2-25 Study Area Soils.....2-50

Table 2-26 Soils on Projected and Potential Development Sites.....2-51

Table 2-27 Suffolk County Water Authority Well Field Data2-54

Table 2-28 Groundwater Pumping Statistics2-55

Table 2-29 SCWA Wells – Summary of Regulatory Standard Exceedances.....2-56

Table 2-30 Examples of East Quogue Surveyed Resources.....2-66

Table 2-31 LOS Criteria for Signalized Intersections2-68

Table 2-32 LOS Criteria for Unsignalized Intersections2-69

Table 2-33 Traffic Volumes for State and County Roadways in Study Area2-70

Table 2-34 Level-of-Service Analysis Results: 2006 Existing Traffic Conditions2-72

Table 2-35 Accident Data Summary: Intersection Locations.....2-73

Table 3-1 Proposed Land Uses3-4

Table 3-2 Population and Housing Change from No Action to Recommended Plan.....3-5

Table 4-1 Land Use Change From Existing Condition To No Action4-3

Table 4-2 Population And Housing Change From Existing Condition To No Action4-4

Table 4-3 No Action Condition Trip Generation (1).....4-6

Table 4-4 Level-of-Service Analysis Results: 2006 Existing and 2015 No Action Traffic
Conditions4-7

Table 4-5 New Residential Units on Large Vacant or Underutilized Lots Based on
Current Zoning4-10

Table 4-6 Land Use Change from Recommended Plan to Zoning Build-Out.....4-11

Table 4-7 Population and Housing Change from Recommended Plan to Zoning
Build-Out.....4-12

Table 4-8 Land Use Change from Recommended Plan to Proposed Projects.....4-15

Table 4-9 Population and Housing Change from Recommended Plan fo Proposed
Projects.....4-16

Table 4-10 Proposed Projects Alternative Trip Generation (1).....4-19

Table 4-11 Level-of-Service Analysis Results: 2015 No Action and 2015 Proposed Projects Traffic Conditions	4-21
Table 4-12 Potential Intersection Improvement Measures for the Proposed Projects Alternative	4-23
Table 4-13 Population and Housing Change from As-of-Right (Zoning Build-Out) to Upzoning Density	4-25
Table 4-14 Land Use Change from Recommended Plan to Hamlet Transfer of Development Rights	4-30
Table 4-15 Population and Housing Change from Recommended Plan to Hamlet Transfer of Development Rights.....	4-31

List of Figures

Following Page

S-1	Looking east from Lewis Road north of Damascus Road towards farmlands.....	S-8
S-2	Looking east from Quogue Riverhead Road near Whipporwill Lane toward Densieski Farm	S-8
S-3	Looking south on Montauk Highway between Central and Vail Avenues toward sidewalk plantings and shops lining south side of Montauk Highway	S-8
S-4	Looking west from sidewalk on north side of Montauk Highway at intersection with Bay Avenue toward sidewalk plantings and shops on north side of Montauk Highway	S-8
S-5	Looking east from Weesuck Avenue across Weesuck Creek.....	S-8
S-6	Looking northeast from Jones Road toward Henry’s Hollow region, within and west of Pines Subdivision	S-8
1-1	Study Area Boundary.....	1-2
1-2	2006 Aerial	1-2
1-3	Projected and Potential Development Site Ownership	1-2
1-4	Existing Zoning.....	1-12
1-5	Zoning Overlay Districts	1-16
1-6	Central Pine Barrens Regulatory Zones.....	1-18
1-7	Community Preservation Project Fund (2003-2005) Priority Parcels	1-24
1-8	Central Suffolk Special Groundwater Protection Area.....	1-32
1-9	Significant Coastal Fish and Wildlife Habitat Areas	1-34
1-10	South Shore Estuary Reserve Open Space Priority Parcels	1-36
2-1	Existing Land Use (2007)	2-2
2-2	East Quogue Census Block Groups	2-10
2-3	Community Facilities.....	2-16
2-4	Fire and Ambulance Districts	2-18
2-5	School Districts.....	2-18
2-6	Open Space and Trails	2-26
2-7	Community Preservation Project Fund (2003-2005) Priority Parcels	2-30
2-8	South Shore Estuary Reserve Open Space Priority Parcels.....	2-34
2-9a	Natural Communities	2-34
2-9b	Natural Communities	2-34
2-10	Central Pine Barrens Regulatory Zones.....	2-38
2-11a	Freshwater and Tidal Wetlands	2-38
2-11b	Freshwater and Tidal Wetlands	2-38
2-12	Central Suffolk Special Groundwater Protection Area and Hydrogeologic Zones	2-48
2-13	East Quogue Soils.....	2-50
2-14	Geologic Cross-Section	2-52
2-15	Topography.....	2-52

East Quogue Generic Environmental Impact Statement

2-16 Suffolk County Water Authority Well Field and Water Line Locations2-54

2-17 Key to Photographs and Scenic Roads.....2-60

2-18(a) Looking south at Quogue Riverhead Road (CR 104) near Jeffrey Lane.....2-60

2-18(b) Looking east from Quogue Riverhead Road near Whippoorwill Lane toward
Densieski Farm.....2-60

2-19(c) Looking east from Lewis Road at intersection with Fox Hollow Road toward
farmlands.....2-60

2-19(d) Looking east from Lewis Road north of Damascus Road toward farmlands.....2-60

2-20(e) Looking southeast from intersection of Lewis Road and CR 104 toward CR 104
and agricultural lands2-60

2-20(f) Looking north along West Side Avenue at the only agricultural land south of
Old Country Road2-60

2-21(g) Looking northwest from Spinney Road at intersection with Lewis Road toward
tree-lined Lewis Road2-60

2-21(h) Looking south from Old Country Road at intersection with Lewis Road toward
single-family residential uses on Lewis Road.....2-60

2-22(i) Looking east from intersection of CR 104 and Old Country Road toward forested
lands lining Old Country Road.....2-60

2-22(j) Looking west on Spinney Road toward undeveloped forested lands.....2-60

2-23(k) Looking east on Sunrise Highway at intersection with CR 104 toward Central Pine
Barrens region on south side of Sunrise Highway2-60

2-23(l) Looking east from Montauk Highway toward intersection with Old Country Road
at forested lands on the south side of the roadway. A restaurant is visible on the north
side of Montauk Highway in this area.....2-60

2-24(m) Looking north along Josiah Foster’s Path between Montauk Highway and Head of
Lots Road2-62

2-24(n) Looking north toward farmers market on Montauk Highway near intersection with
Josiah Foster’s Path.....2-62

2-25(o) Looking south on Montauk Highway between Central and Vail Avenues toward
sidewalk plantings and shops lining south side of Montauk Highway2-62

2-25(p) Looking west from sidewalk on north side of Montauk Highway at intersection with
Bay Avenue toward sidewalk plantings and shops on north side of Montauk
Highway2-62

2-26(q) Looking east from train overpass on Emmet Road toward LIRR tracks. Henry’s
Hollow region is to the north of the tracks.2-62

2-26(r) Looking east from grade crossing on Gleason Drive toward toward grade crossing at
Oak Street.....2-62

2-27(s) Looking north toward grade crossing on Lewis Road.....2-62

2-27(t) Looking north toward grade crossing on Gleason Drive.....2-62

2-28(u) Looking north from Jones Road toward Henry’s Hollow region, a Critical Resource
Area in the northeastern portion of the East Quogue study area2-62

2-28(v) Looking Northwest from Jones Road toward Henry’s Hollow region.....2-62

2-29(w) Looking south toward Pine Neck Nature Sanctuary from Head of Lots Road2-62

2-30(x) Looking east across Weesuck Creek from Bay Avenue2-62

2-30(y) Looking east from Weesuck Avenue across Weesuck Creek2-62

2-31(z)	Looking north from Montauk Highway toward headwaters of Weesuck Creek	2-62
2-31(aa)	Looking south from Montauk Highway toward Weesuck Creek	2-62
2-32	Cultural Resources	2-66
2-33	Traffic Study Area	2-68
2-34	2006 Existing Traffic Volumes AM Summer Peak Hour (8:00-9:00AM)	2-70
2-35	2006 Existing Traffic Volumes PM Summer Peak Hour (4:30-5:30PM).....	2-70
2-36	Suffolk County Transit Bus Routes and Stops	2-74
3-1	Recommended Plan Land Use	3-2
3-2	Existing and Recommended Zoning.....	3-2
3-3	Grabeski Airport Typical Flight Patterns.....	3-16
4-1	No Action Land Use	4-2
4-2	2015 No-Build Traffic Volumes AM Summer Peak Hour (8:00 – 9:00 AM).....	4-6
4-3	2015 No-Build Traffic Volumes PM Summer Peak Hour (4:30 – 5:30 PM)	4-6
4-4	Zoning Build-Out Alternative Land Use	4-10
4-5	Proposed Projects Alternative.....	4-16
4-6	Atlanticville Project Site	4-16
4-7	Atlanticville Illustrative Master Plan	4-16
4-8	Project Generated Traffic Volumes AM Summer Peak Hour (8:00 – 9:00 AM)	4-20
4-9	Project Generated Traffic Volumes PM Summer Peak Hour (4:30 – 5:30 PM)	4-20
4-10	2015 Build Traffic Volumes AM Summer Peak Hour (8:00 – 9:00 AM).....	4-20
4-11	2015 Build Traffic Volumes PM Summer Peak Hour (4:30 – 5:30 PM)	4-20
4-12a	Upzoning Density Alternative Land Use	4-24
4-12b	Upzoning Density Alternative Zoning.....	4-24
4-13	Hamlet Transfer of Development Rights Alternative Land Use.....	4-30