

**Environmental Review for
Activity/Project that is Categorically Excluded Subject to Section 58.5
Pursuant to 24 CFR 58.35(a)**

Responsible Entity: New Jersey Department of Community Affairs, Richard Constable III, Commissioner

Applicant Name: _____ (First) _____ (Last)

-or- Atlantic City Boardwalk Redevelopment Corporation (ACBRC) (Business/Corporate Name)

Project Location: 1133 Boardwalk (Street Address)

Atlantic City (Municipality) Atlantic (County) NJ (State)

1 (Block) 139-142 (Lot)

FINDING:

- This categorically excluded activity/project converts to **EXEMPT** per Section 58.34(a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license; **Funds may be committed and drawn down after certification of this part** for this (now) EXEMPT project; OR
- This categorically excluded activity/project cannot convert to Exempt status because one or more statutes or authorities listed at Section 58.5 requires formal consultation or mitigation. Complete consultation/mitigation protocol requirements, **publish NOI/RROF and obtain "Authority to Use Grant Funds"** (HUD 7015.16) per Section 58.70 and 58.71 before committing or drawing down any funds; OR
- This project is not categorically excluded OR, if originally categorically excluded, is now subject to a full Environmental Assessment according to Part 58 Subpart E due to extraordinary circumstances (Section 58.35(c)).

CERTIFICATIONS:

Gary Doss
Preparer Name and Agency



Preparer Signature

10/16/2014
Preparer Completion Date

RE Certifying Officer Name

RE Certifying Officer Signature

RE CO Signature Date

Funding Information:

Grant Number	HUD Program	Funding Amount
B-13-DS-34-0001	CDBG-DR	\$4,860,050.00

Estimated Total HUD Funded Amount: \$4,860,050.00

Estimated Total Project Cost [24 CFR 58.32(d)]: (HUD and non-HUD funds) \$4,860,050.00

Statement of Purpose and Need for the Proposal [40 CFR 1508.9(b)]:

During Superstorm Sandy (and other recent meteorological events where conditions of high tide and heavy rainfall combined) this drainage area experienced heavy flooding. During Superstorm Sandy, Resorts Casino-Hotel, which is located in the center of the drainage area, suffered over \$40 million in damages to the building including flooding within the basement system and casino floor. This flooding threatened to compromise the electrical transformers for the entire building located in the basement, which would have closed the building on an extended and potentially permanent basis. This would have resulted in a loss of over 2,000 jobs (including over 1,500 low-and moderate income jobs as defined by HUD for this census tract).

The project is designed to rehabilitate and repair an existing storm water drainage system in order to get runoff to the ocean during high tide and heavy rainfall events. This project would significantly increase the ability of the municipal system to drain the area to the ocean during such peak storm events.

Description of the Proposed Project [24 CFR 50.12 & 58.32, 40 CFR 1508.25]: (Include all contemplated actions that are logically either geographically or functionally a composite part of the project, regardless of the source of funding. As appropriate, attach maps, site plans, renderings, photographs, budgets, and other descriptive information.)

The project is designed to rehabilitate and repair an existing storm water drainage system in order to get runoff to the ocean during high tide and heavy rainfall events. This project would significantly increase the ability of the municipal system to drain the area to the ocean during such peak storm events. The proposed project will consist of the installation of a new vaulted pump and associated backup generator. In addition, new piping will be installed and existing piping will be upgraded.

STATUTORY CHECKLIST [24 CFR 50.4, 24 CFR 58.5]

DIRECTIONS – For each authority, check either Box “A” or “B” under “Status.”

“A box” The project is in compliance, either because: (1) the nature of the project does not implicate the authority under consideration, or (2) supporting information documents that project compliance has been achieved. In either case, information must be provided as to WHY the authority is not implicated, or HOW compliance is met; OR

“B box” The project requires an additional compliance step or action, including, but not limited to, consultation with or approval from an oversight agency, performance of a study or analysis, completion of remediation or mitigation measure, or obtaining of license or permit.

IMPORTANT: Compliance documentation consists of verifiable source documents and/or relevant base data. Appropriate documentation must be provided for each law or authority. Documents may be incorporated by reference into the ERR provided that each source document is identified and available for inspection by interested parties. Proprietary material and studies that are not otherwise generally available for public review shall be included in the ERR. Refer to HUD guidance for more information.

Statute, Authority, Executive Order, Regulation, or Policy cited at 24 CFR §50.4 & 58.5	STATUS		Compliance Documentation
	A	B	
<p>1. Air Quality [Clean Air Act, as amended, particularly sections 176(c) & (d), and 40 CFR 6, 51, 93]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project is within Atlantic County, which is shown as being designated a nonattainment or maintenance area for the following National Ambient Air Quality Standard (NAAQS) pollutants (see SBL39563_AirQualityMap_NCR_TO1036):</p> <p>Nonattainment area for 8 hour Ozone standard of 0.08 ppm (1997 standard) Nonattainment area for 8 hour Ozone standard of 0.075 ppm (2008 standard) Maintenance area for 8-hour Carbon Monoxide standard of 9ppm</p> <p>Project activities must meet the regulatory requirements of New Jersey’s Air Rules and Air Pollution Controls (see NCR39563_AirQualityMemo_NCR_TO1036). The project will involve a system of improvements designed to alleviate and mitigate flooding in a highly developed Atlantic City involving 35 acres. Temporary impacts to air quality may occur during construction; however, no long-term impacts to air quality are anticipated. The temporary impacts can be mitigated through Best Management Practices (BMPs) including the usage of water or chemical dust suppressant, covering load compartments of trucks carrying dust-generating material, and retrofitting older equipment with pollution controls.</p>
<p>2. Airport Hazards (Clear Zones and Accident Potential Zones) [24 CFR 51D]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>Newark Liberty International Airport is located approximately 100 miles to the north of the project. Atlantic City International Airport is located approximately 10 miles to the west of the project. The nearest military airfield, Lakehurst Naval Air Station, is located approximately 45 miles north of the project. The project is not within 15,000 feet of a military air field or 2,500 feet from the end of a civilian airport runway. The project is therefore not within an Airport Clear Zone or Accident Potential Zone (see NCR39563_AirportHazardsMap_NCR_TO1036).</p>

<p>3. Coastal Zone Management [Coastal Zone Management Act sections 307(c) & (d)]</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p>	<p>The project is located within the CAFRA zone and Waterfront Development regulated area. See NCR39563_CoastalZoneMgtActMap_NCR_TO1036. Based on the information provided by the applicant, CAFRA and Waterfront Development Permits are currently being prepared for submission to NJDEP for approval. The NJDEP applications will be submitted in 2014 and will detail project compliance with NJAC 7:7E-1.1 et seq. Because Coastal Zone Management permits are already being prepared by the applicant, consultation with NJDEP Division of Land Use Regulation (DLUR) was not conducted as part of this review.</p> <p>The project proposes impacts above and below the mean high water line and is therefore subject to US Army Corps of Engineers (USACE) jurisdiction. The applicant is preparing a permit application to be submitted to the USACE which details project compliance with Section 10 and Section 404 permit requirements. The permit application will be submitted to the USACE in 2014.</p>
<p>4. Contamination and Toxic Substances [24 CFR 50.3(i) & 58.5(i)(2)]</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>No hazardous sites were identified within 3,000 feet of the project (see NCR39563_ToxicHazardousandRadioactiveSubstances_Map_NCR_TO1036). In addition, no evidence of contamination or toxic substances was observed during the site visit.</p> <p>In addition, according to the NJDEP Radon Potential Map, the property is within a Tier III Radon Potential area; therefore, further assessment regarding Radon is not required. See NCR39563_RadonMap_NCR_TO1036.</p> <p>The project involves construction activities associated with the rehabilitation of an existing outfall; lead-based paint (LBP) and asbestos-containing materials (ACMs) are not anticipated to pose an impact to the project.</p>

<p>5. Endangered Species [Endangered Species Act of 1973, particularly section 7; 50 CFR 402]</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>As part of the permit application process, the applicant compiled information with regard to federally protected and state protected threatened/endangered species. Correspondence from US Fish and Wildlife (July 1, 2014, see EIS with Appendix 8514, within the applicant-provided supporting documentation, starting on page 126) indicated the potential presence of federally-threatened piping plover, sandbeach amaranth, and red knot (candidate); however, the USFWS concurred that the project would not impact threatened/endangered species within the project area.</p> <p>In addition, the applicant contacted the NJDEP Natural Heritage Program (NHP), which reported that state endangered Least Tern (<i>Sternula antillarum</i>) as utilizing the site for foraging (see EIS with Appendix 8514, starting on page 130) Additionally, the NHP identified Caspian Tern and Common Tern as potentially using the site for foraging; however, these species are not designated as federally or state-threatened/endangered. The NHP search results also identified several federal and state-endangered species, including Fin Whale, Humpback whale and North Atlantic Right Whale. These species are identified by the NHP as being on-site and within the project vicinity; however, the USFWS did not identify these species in the project area. Therefore, these species are not a concern.</p> <p>As stated in the applicant’s NJDEP permit application, the “outfall reconstruction falls within the boundaries of the federal beach project for Absecon Island constructed in 2004 and replenished in 2013/2014. Therefore the site has recently been the subject of disturbance and fill activity.” Construction activities will also be temporary in nature and are not likely to cause permanent impacts to identified species habitat or forage areas. In addition, no threatened or endangered species habitat is shown within proximity to the project on the NJDEP ArcGIS tool. See NCR39563_EndangeredSpeciesMap_NCR_TO1036.</p>
<p>6. Environmental Justice [Executive Order 12898]</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p>	<p>The project is located within and adjacent to areas of environmental justice populations (between 40-100% minority and between 40-100% below the poverty line; see NCR39563_HUD_EJ_Checklist_NCR_TO1036, NCR39563_EnvironmentalJusticeMinorityMap_NCR_TO1036 and NCR39563_EnvironmentalJusticePovertyMap_NCR_TO1036). The project involves a system of improvements designed to alleviate and mitigate flooding in a highly developed area in Atlantic City consisting of 35 acres. The existing system was unable to handle the volume of flooding from Superstorm Sandy, resulting in damage to the Resorts Casino Hotel, threatening approximately 2,000 jobs (of which many are low and moderate-income). The proposed project will help protect businesses in the area from future storm events, thereby providing a benefit to environmental justice populations that are employed in the area.</p>

<p>7. Explosive and Flammable Operations [24 CFR 51C]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project is the rehabilitation of the existing storm water drainage system, with no increase in density. Therefore, the project is in conformance with 24 CFR Part 51C and no acceptable separation distance (ASD) calculation is necessary. It is noted, however, that a review of aerial photographs did not identify any large storage tanks within a 1-mile radius of the project and no ASTs were observed in the vicinity of the project during site reconnaissance (see NCR39563_AST_ASD_CalculationMap_NCR_TO1036).</p>
<p>8. Farmland Protection [Farmland Protection Policy Act of 1981, particularly sections 1504(b) & 1541; 7 CFR 658]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>According to NJDEP GIS information, the project is not within areas identified as being prime farmland. Therefore, the project will not adversely impact soils of importance to farmland (see NCR39563_FarmlandProtectionSoils_Map_NCR_TO1036).</p>
<p>9. Floodplain Management [24 CFR 55; Executive Order 11988, particularly section 2(a)]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The property is within the 100-year floodplain (see NCR39563_FloodplainMgmtNFIPNotInFloodwayMap_NCR_TO1036). The project is within Zone AE (a subset of Zone A, as shown on the Floodplain Map) with a BFE of 10 feet, while project activities extend into Zone VE (a subset of Zone V, as shown on the Floodplain Map), the disturbance is temporary and will be restored following pipe and outfall installation. Therefore, the project will be subject to Flood Hazard Area Control Act (FHA) Permit-by-Rule 7:13-7.2(c)6.</p> <p>Since no practicable alternatives to locating within the floodplain were identified, an 8-step decision-making process was conducted as outlined in 24 CFR 55.21. A public notification was posted on September 18, 2014 with a comment period of 15 days. No comments were received. A copy of the 8-step checklist, the 8-step analysis and public notifications can be found in the supporting documentation (see NCR39563_8Step_NCR_TO1036).</p>
<p>10. Historic Preservation [National Historic Preservation Act of 1966, particularly sections 106 & 110; 36 CFR 800]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The project is not located within the HPO Historic Archaeological Site Grid or located within a Historic Property. In addition, the project is not located within the "Green Zone" (see NCR39563_HistoricPreservatonExemptionZoneMap_NCR_TO1036). The applicant sent a request of confirmation to the NJDEP State Historic Preservation Office (SHPO) to determine whether the proposed project would have an impact on any historic properties. The SHPO responded on August 15, 2014, stating "I concur with your findings that there are no historic properties affected within the project's area of potential effects. Consequently, pursuant to CFR 800.4(d)(1), no further Section 106 consultation is required unless additional resources are discovered during project implementation pursuant to CFR 800.13." (see supporting documentation file folder NCR39563_SHPO).Therefore, no further consultation with the SHPO is required at this time.</p>

<p>11. Noise Abatement and Control [Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR 51B]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>A Day/Night Noise Level (DNL) calculation for the project was not conducted. DNL noise standards are applicable only to projects “providing assistance, subsidy or insurance for housing, manufactured home parks, nursing homes, hospitals, and all programs providing assistance or insurance for land development, redevelopment or any other provision of facilities and services which are directed to making land available for housing or noise sensitive development” (24 CFR 51.101(a)(3)). The proposed project is not for housing or a noise sensitive use; therefore the DNL noise standards are not applicable.</p> <p>It is anticipated that construction activities will create a temporary noise impact. This impact can be mitigated through the use of BMPs such as installation of mufflers on equipment and performing construction during daytime.</p>
<p>12. Sole Source Aquifers [Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR 149]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The property is identified as being within the Coastal Plain Sole Source Aquifer (see NCR39563_SoleSourceAquiferMap_NCR_TO1036). According to site plans provided by the applicant, no increase in impervious surface area is required or proposed for this project. Atlantic City Municipal Utilities Authority is responsible for waste water/sanitary sewer utilities and the Atlantic County Utilities Authority supplies the project area with potable water. The project involves a rehabilitation of existing utility infrastructure and is therefore considered to not pose a significant public health hazard (see EPA SSA memo, located within the NCR39563_EPA_SSA correspondence folder). No additional impervious surface is proposed as part of this project and in addition, because the project is proposed within an entirely developed area and water/sewerage utilities are municipally-supplied, consultation with the USEPA Region 2 is not required.</p>
<p>13. Wetlands Protection [24 CFR 55, Executive Order 11990, particularly sections 2 & 5]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>According to the NJDEP GIS tool and observations made during the site reconnaissance, no wetlands are located on-site or adjacent to the property. See NCR39563_WetlandProtectionMap_NCR_TO1036.</p>
<p>14. Wild and Scenic Rivers [Wild and Scenic Rivers Act of 1968, particularly section 7(b) & (c); 36 CFR 297]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The Wild and Scenic Rivers Act of 1968 protects selected rivers in a free-flowing condition (16 U.S.C. 1271) and prohibits federal support for activities that would harm a designated river's free-flowing condition, water quality, or outstanding resource values.</p> <p>Five designated Wild and Scenic rivers are located within the State of New Jersey; the Delaware (Lower) River, Delaware (Middle) River, Great Egg Harbor River, Maurice River and the Musconetcong River. The nearest river is the Great Egg Harbor River, which is approximately 13 miles to the southwest of the project site (see NCR39563_WildandScenicRiverMap_NCR_TO1036). This distance is greater than the 1 mile buffer zone. Therefore, consultation with the National Park Service is not required.</p>

24 CFR 58.6 CHECKLIST [24 CFR 50.4, 24 CFR 58.6]

1. AIRPORT RUNWAY CLEAR ZONES AND CLEAR ZONES NOTIFICATION [24 CFR Part 51.303(a)(3)]

Does the project involve the sale or acquisition of property located within a Civil Airport Runway Clear Zone or a Military Airfield Clear Zone?

No. Cite or attach Source Documentation:

Newark Liberty International Airport is located approximately 100 miles to the north of the project. Atlantic City International Airport is located approximately 10 miles to the west of the project. The nearest military airfield, Lakehurst Naval Air Station, is located approximately 45 miles north of the project. The project is not within 15,000 feet of a military air field or 2,500 feet from the end of a civilian airport runway. The project is therefore not within an Airport Clear Zone or Accident Potential Zone (see NCR39563_AirportHazardsMap_NCR_TO1036).

[Project complies with 24 CFR 51.303(a)(3).]

Yes. Notice must be provided to the buyer. The notice must advise the buyer that the property is in a Runway Clear Zone or Clear Zone, what the implications of such a location are, and that there is a possibility that the property may, at a later date, be acquired by the airport operator. The buyer must sign a statement acknowledging receipt of this information, and a copy of the signed notice must be maintained in the ERR.

2. COASTAL BARRIERS RESOURCES ACT [Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 (16 USC 3501)]

Is the project located in a coastal barrier resource area?

No. Cite or attach Source Documentation:

The nine designated units of the Coastal Barrier Resources System in New Jersey are uninhabited. The 12 "otherwise protected areas" associated with the Coastal Barrier Resources System in New Jersey are also uninhabited. Therefore, no project activities would occur on designated coastal barriers or in "otherwise protected areas," and the proposed project would have no impact on coastal barrier resources. The nearest CBRS unit is NJ-08P which is located approximately 8 miles to the southwest. See NCR39563_CoastalBarrierResourceActMap_NCR_TO1036.

[Proceed with project.]

Yes. Federal assistance may not be used in such an area.

3. FLOOD DISASTER PROTECTION ACT [Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 (42 USC 4001-4128 and 42 USC 5154a)]

Does the project involve acquisition, construction, or rehabilitation of structures located in a FEMA-identified Special Flood Hazard Area (SFHA)?

No. Cite or attach Source Documentation: [Proceed with project.]

Yes. Cite or attach Source Documentation: *See NCR39563_FloodplainMgmtNFIPNotInFloodway_NCR_TO1036.pdf.*

Is the community participating in the National Insurance Program (or has less than one year passed since FEMA notification of Special Flood Hazards)?

Yes. Flood Insurance under the National Flood Insurance Program must be obtained. If HUD assistance is provided as a grant, insurance must be maintained for the economic life of the project and in the amount of the total project cost (or up to the maximum allowable coverage, whichever is less). If HUD assistance is provided as a loan, insurance must be maintained for the term of the loan and in the amount of the loan (or up to the maximum allowable coverage, whichever is less). A copy of the flood insurance policy declaration must be kept on file in the ERR.

No. Federal assistance may not be used in the Special Flood Hazard Area.

Summary of Findings and Conclusions

Field Inspection (Date and completed by): *Site visit conducted on August 28, 2014; completed by Mr. Lawrence Smith, Senior Planner and Mr. Gary Doss, Environmental Planner.*

Summary Statement of Findings and Conclusions: *Based on the findings of this environmental review, the proposed project will have a net benefit on the project area.*

Required Mitigation and Project Modification Measures: [24 CFR 58.40(d), 40 CFR 1505.2(c), 40 CFR 1508.20] (Recommend feasible ways in which the proposal or its external factors should be modified in order to minimize adverse environmental impacts and restore or enhance environmental quality.)

General

1. *Acquire all required federal, state and local permits prior to commencement of construction and comply with all permit conditions.*
2. *If the scope of work of a proposed activity changes significantly, the application for funding must be revised and resubmitted for reevaluation under the National Environmental Policy Act.*

Noise

1. *Outfit all equipment with operating mufflers.*
2. *Comply with the applicable local noise ordinance.*

Air Quality

Project activities must meet the regulatory requirements of New Jersey's Air Rules and Air Pollution Controls (see NCR39563_AirQualityMemo_NCR_TO1036). In addition, the following must be met:

1. *Use water or chemical dust suppressant in exposed areas to control dust.*
2. *Cover the load compartments of trucks hauling dust-generating materials.*
3. *Wash heavy trucks and construction vehicles before they leave the site.*
4. *Reduce vehicle speed on non-paved areas and keep paved areas clean.*
5. *Retrofit older equipment with pollution controls.*
6. *Establish and follow specified procedures for managing contaminated materials discovered or generated during construction.*
7. *Employ spill mitigation measures immediately upon a spill of fuel or other hazardous material.*
8. *Obtain an air pollution control permit to construct and a certificate to operate for all equipment subject to N.J.A.C. 7:27-8.2(c). Such equipment includes, but is not limited to, the following:*
 - a. *Any commercial fuel combustion equipment rated with a maximum heat input of 1,000,000 British Thermal Units per hour or greater to the burning chamber (N.J.A.C. 7:27-8.2(c)1);*
 - b. *Any stationary storage tank for volatile organic compounds with a capacity of 2,000 gallons and a vapor pressure of 0.02 pounds per square inch or greater (N.J.A.C. 7:27-8.2(c)9);*
 - c. *Any tank, reservoir, container, or bin with capacity in excess of 2,000 cubic feet used for storage of solid particles (N.J.A.C. 7:27-8.2(c)10); and*
 - d. *Any stationary reciprocating engine with a maximum rated power output of 37 kW or greater, used for generating electricity, not including emergency generators (N.J.A.C. 7:27-8.2(c)21).*
9. *Minimize idling and ensure that all on-road vehicles and non-road construction equipment operated at or visiting the project site comply with the applicable smoke and "3-minute idling" limits (N.J.A.C. 7:27-14.3, 14.4, 15.3 and 15.8).*

10. *Ensure that all diesel on-road vehicles and non-road construction equipment used on or visiting the project site use ultra-low sulfur fuel (<15 ppm sulfur) in accordance with the federal Non-road Diesel Rule (40 CFR Parts 9, 69, 80, 86, 89, 94, 1039, 1051, 1065, 1068).*
11. *Operate, if possible, newer on-road diesel vehicles and non-road construction equipment equipped with tier 4 engines, or equipment equipped with an exhaust retrofit device.*

Coastal Zone Management Act

The project is located within the CAFRA zone and Waterfront Development regulated area. See NCR39563_CoastalZoneMgtActMap_NCR_TO1036. Based on the information provided by the applicant, CAFRA and Waterfront Development Permits are currently being prepared for submission to NJDEP for approval. The NJDEP applications will be submitted in 2014 and will detail project compliance with NJAC 7:7E-1.1 et seq.

The project proposes impacts above and below the mean high water line and is therefore subject to US Army Corps of Engineers (USACE) jurisdiction. The applicant is preparing a permit application to be submitted to the USACE which details project compliance with Section 10 and Section 404 permit requirements. The application will be submitted to the USACE in 2014.

Floodplain Management and Flood Insurance

1. *All proposed reconstruction, substantial improvements, and elevation activities in the 100-year floodplain must adhere to the most recent elevation requirements in accordance with the Flood Hazard Area Control Act rules (N.J.A.C. 7:13).
All structures funded by the CDBG-DR programs, if in, or partially in, the 100-year floodplain shown on the effective FEMA Flood Insurance Rate Map, must be covered by flood insurance and the flood insurance must be maintained for the economic life of the structure [24 CFR 58.6(a)(1)]. This means no funding can be provided in municipalities not participating in or suspended from participation in the National Flood Insurance Program.*
2. *No funding will be provided to any person who previously received federal flood disaster assistance conditioned on obtaining and maintaining flood insurance, but failed to obtain and maintain the insurance [24 CFR 58.6(b)].*
3. *In the case of "Coastal High Hazard" areas ("V" or "VE" Zones on the latest (most recent) FEMA-issued Maps), adhere to construction standards, methods and techniques requiring a registered professional engineer to either develop, review or approve, per the associated location, specific Applicant elevation plans that demonstrate the design meets the current standards for V zones in FEMA regulation 44 CFR 60.3(e) as required by HUD Regulation 24 CFR 55.1(c)(3).*

Energy Efficiency

All reconstruction, new construction and rehabilitation projects in the HUD CDBG programs must be designed to incorporate principles of sustainability, including water and energy efficiency, resilience and mitigation of the impact of future disasters.

Soil and Water Quality

Obtain Cape-Atlantic Soil Conservation District Soil Erosion and Sediment Control Plan Certification. The following requirements will also be met.

1. *Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in waters and to prevent erosion in wetlands and waters.*
2. *Minimize soil compaction by minimizing project activities in vegetated areas, including lawns.*

