

## ENVIRONMENTAL ASSESSMENT

### Determinations and Compliance Findings for HUD-Assisted Projects

#### 24 CFR Part 58

**Responsible Entity:** New Jersey Department of Community Affairs (DCA), Richard Constable III, Commissioner

**Applicant Name:** SRP0037809 – Joe Nitti; SRP0039829 – Joseph Mecca; SRP0042661 – Maurice Galapo; SRP0044260 – Peter Perrine; SRP0044410 – George Jepsen

**Project Location** SRP0037809 – 123-139 Rosewell Avenue, South Amboy, Middlesex County, New Jersey, Block 161.02, Lot 22; SRP0039829 – 114 11<sup>th</sup> Avenue, Belmar, Monmouth County, New Jersey, Block 100, Lot 13; SRP0042661 – 211 Ocean Avenue, Bradley Beach, Monmouth County, New Jersey, Block 66, Lot 9; SRP0044260 – 1198 Ocean Avenue, Sea Bright, Monmouth County, New Jersey, Block 3, Lot 29; SRP0044410 – 19 Pineview Avenue, Keansburg, Monmouth County, New Jersey, Block 19, Lot 24

**Conditions for Approval** [40 CFR 1505.2(c)]: (List all mitigation and project modification measures required by the Responsible Entity to eliminate or minimize adverse environmental impacts. These conditions must be included in project contracts and other relevant documents as required. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.)

#### 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.

#### Historic Preservation

3. All activities must comply with Section 106 of the National Historic Preservation Act per the implementing regulations 36 CFR Part 800. Compliance with Section 106 is achieved through the procedures set forth in the Programmatic Agreement among the Federal Emergency Management Agency, the New Jersey State Historic Preservation Officer, the New Jersey State Office of Emergency Management, the Advisory Council on Historic Preservation, the Absentee Shawnee Tribe of Indians of Oklahoma, the Delaware Nation, the Delaware Tribe of Indians, the Shawnee Tribe of Oklahoma, and the Stockbridge Munsee Band of Mohicans, as signed onto by the New Jersey Department of Community Affairs.
4. In the event that archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted and the applicant shall stop all work immediately in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform FEMA immediately and FEMA will consult with the State Historic Preservation Office (SHPO) or Tribal Historic Preservation Office (THPO) and Tribes and work in sensitive areas

cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project is in compliance with the National Historic Preservation Act (NHPA).

5. For SRP0039829, DCA shall consult with NJHPO and DEP to develop and implement a scope of work for the completion of the Standard Treatment Measures D and E, as referenced in Appendix C of the Programmatic Agreement, in order to mitigate the effect of the project on historic architectural resources.

### **Coastal Zone Management, Floodplain Management, and Flood Insurance**

6. If the footprint of the building is not increased by more than 300 square feet; the expansion or relocation of the lowest floor of the building is reconstructed or elevated to at least one foot above the flood hazard area design flood elevation; and the building is not expanded or relocated closer to any regulated water, within a floodway, or on a beach, dune or wetland, the project qualifies for FHA PBR N.J.A.C. 7:13-7.2(a)3 and Coastal PBR N.J.A.C. 7:7-7.2(a)8. If the building is to be relocated, it must be located in an area where previous disturbance occurred.
7. 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).
8. All structures funded by the LRRP, 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)].
9. 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)].

### **Noise**

10. During the temporary construction activities, outfit all equipment with operating mufflers.
11. During the temporary construction activities, 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 requirements (see LRRP Middlesex-Monmouth Counties\_AirQualityMemo). In addition, the following must be met:

12. Use water or chemical dust suppressant in exposed areas to control dust.
13. Cover the load compartments of trucks hauling dust-generating materials.
14. Wash heavy trucks and construction vehicles before they leave the site.
15. Reduce vehicle speed on non-paved areas and keep paved areas clean.
16. Retrofit older equipment with pollution controls.
17. Establish and follow specified procedures for managing contaminated materials discovered or generated during construction.
18. Employ spill mitigation measures immediately upon a spill of fuel or other hazardous material.
19. 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).

(Note: One or two family dwellings and dwellings of six or less family units, one of which is owner occupied, are exempt pursuant to NJSA 26:2C-9.2.)

- 20. 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).
- 21. 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).
- 22. 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.

#### **Wetland Protection, Erosion, Drainage/Storm Water Runoff, and Surface Water**

- 23. Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in offsite wetlands and waters and to prevent erosion in offsite wetlands and surface waters.
- 24. Minimize soil compaction by minimizing project activities in vegetated areas, including lawns.
- 25. If practicable, the structures at SRP0037809 should be relocated further away from the wetland, using best management practices.
- 26. For SRP0037809, coordinate with the DLUR to obtain required permits, including, but not limited to, a Transition Area Waiver.
- 27. Replace and revegetate any disturbed area as soon as possible after work has been completed.
- 28. Do not introduce invasive species to the site.

#### **Transportation and Accessibility**

- 29. Implement and maintain appropriate traffic control and access maintenance measures.

#### **Hazardous Materials and Solid Waste Disposal/Recycling**

- 30. All activities must comply with applicable federal, state, and local laws and regulations regarding asbestos, including but not limited to the following:
  - a. National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145
  - b. National Emission Standard for Asbestos, standard for waste disposal for manufacturing, fabricating, demolition, and spraying operations, 40 CFR 61.150
  - c. NJAC 7:26-2.12—Generator requirements for disposal of asbestos containing waste materials
  - d. New Jersey Asbestos Control and Licensing Act, N.J.S.A. 34:5A-32 et seq.
- 31. Applicant must comply with all laws and regulations concerning the proper handling, removal and disposal of hazardous materials (e.g. asbestos, lead-based paint) or household waste (e.g. construction and demolition debris, pesticides/herbicides, white goods).

- 32. All activities must comply with applicable federal, state, and local laws and regulations regarding lead-based paint, including but not limited to HUD's lead-based paint regulations in 24 CFR Part 35 Subparts B, H, and J.
- 33. All residential structures must be free of mold attributable to Superstorm Sandy.
- 34. Comply with all laws, regulations, and industry standards applicable to aboveground and underground storage tanks, including the New Jersey underground storage tank regulations at NJAC 7:14B.
- 35. Storage tanks below the base flood elevation must be watertight and must be anchored to resist floatation and lateral movement during a storm surge or other flood.

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**FINDING:**

**Finding of No Significant Impact (FONSI) [24 CFR 58.40(g)(1); 40 CFR 1508.27]**

(The project will not result in a significant impact on the quality of the human environment.)

**Finding of Significant Impact [24 CFR 58.40(g)(2); 40 CFR 1508.27]**

(The project may significantly affect the quality of the human environment.)

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**CERTIFICATIONS:**

Jeffrey Rakowski, CDM Smith  
Preparer Name and Agency

  
Preparer Signature

December 24, 2014  
Preparer Completion Date

Richard Constable, III  
RE Certifying Officer Name

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RE Certifying Officer Signature

\_\_\_\_\_  
RE CO Signature Date

**Funding Information:**

Grant Number	HUD Program	Funding Amount
B-13-DS-34-0001	Landlord Rental Repair Program	\$2,500,000

**Estimated Total HUD Funded Amount:**

The proposed project will be funded with a maximum total of up to \$2,500,000 in U.S. Department of Housing and Urban Development (HUD) Community Development Block Grant – Disaster Recovery (CDBG-DR) Landlord Rental Repair Program (LRRP) grant funds for 50 total units at five properties. The maximum LRRP funding is \$50,000 per damaged unit.

**Estimated Total Project Cost [24 CFR 58.32(d)]: (HUD and non-HUD funds)**

The proposed project will be funded with a maximum total of up to \$2,500,000 in HUD CDBG-DR LRRP grant funds for 50 total units at five properties. Each applicant is responsible for any additional private monies (non-HUD funds) as necessary to complete each project. The maximum LRRP funds that each property is eligible for is listed in the table below.

Applicant ID	Address	City, County	# of Units	Maximum LRRP Funds
SRP0037809	123-139 Rosewell Avenue	South Amboy, Middlesex County	18	\$900,000
SRP0039829	114 11 <sup>th</sup> Avenue	Belmar, Monmouth County	7	\$350,000
SRP0042661	211 Ocean Avenue	Bradley Beach, Monmouth County	8	\$400,000
SRP0044260	1198 Ocean Avenue	Sea Bright, Monmouth County	12	\$600,000
SRP0044410	19 Pineview Avenue	Keansburg, Monmouth County	5	\$250,000

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

The State of New Jersey was included in the HUD CDBG-DR program pursuant to the Disaster Relief Appropriations Act of 2013 (Public Law 113-2, approved January 29, 2013). On October 29, 2012, Superstorm Sandy made landfall over the New Jersey coast. The storm surge inundated and severely affected the State’s shoreline from Cape May to Raritan Bay, along the Hudson River, and on the estuaries connecting to Raritan Bay and Newark Bay. Other overland flooding, wind damage and an ensuing snowstorm further damaged these communities as well as other communities throughout New Jersey.

The New Jersey Department of Community Affairs’ (NJDECA) proposed LRRP will restore or create multi-family housing developments of up to 25 units. Often, this rental type is provided by a homeowner that has an extra unit that contributes rental income to the owner, or by landlords with fewer than 25 properties. The rental repair program will provide grants to existing and new owners of rental properties with 1 to 25 units requiring significant rehabilitation. The purpose of the proposed project is to assist rental property owners in Middlesex and Monmouth Counties rebuild their damaged properties. The proposed project will meet an urgent need to provide safe, decent and affordable rental housing.

**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.)

Project type: Reconstruction of multi-family rental properties with more than four units

Project description: The proposed project would reconstruct one multi-family rental property in Middlesex County, New Jersey and four multi-family rental properties in Monmouth County, New Jersey. Reconstruction would include demolishing the existing buildings on the properties and constructing new buildings consisting of the same number of units. The properties are identified as the lots encompassing the following addresses: SRP0037809, 123-139 Rosewell Avenue, South Amboy, Middlesex County; SRP0039829, 114 11<sup>th</sup> Avenue, Belmar, Monmouth County; SRP0042661, 211 Ocean Avenue, Bradley Beach, Monmouth County; SRP0044260, 1198 Ocean Avenue, Sea Bright, Monmouth County; SRP0044410, 19 Pineview Avenue, Keansburg, Monmouth County. The details of each property are described below.

1. SRP0037809: The lot for this application contains two 2-story residential structures with a total of eighteen units.
2. SRP0039829: The lot for this application contains two residential structures with a total of seven units. The front structure is 2.5 stories and the rear structure is 2 stories.
3. SRP0042661: The lot for this application contains a 3-story structure with a total of eight units. Commercial units are on the ground floor and residential units are on the upper floors.
4. SRP0044260: The lot for this application contains two 2-story residential structures with a total of twelve units.
5. SRP0044410: The lot for this application contains two 2-story residential structures with a total of five units.

The tax cards for the proposed activity sites are provided as attachment LRRP Middlesex-Monmouth Counties\_TaxCards. The general location map shows the general distribution of the proposed activity sites that are part of this environmental review and the site location maps show a more zoomed-in view of the proposed activity sites and their surrounding area (see LRRP Middlesex-Monmouth Counties\_GeneralLocationMap and LRRP Middlesex-Monmouth Counties\_SiteLocationMaps).

Reconstruction is to assist owners of properties that were so severely damaged as a result of the storm that repair is not feasible or would not be cost effective. When applicable, the completed reconstructed structures will be built to the 2009 Residential International Code and will meet the energy efficiency guidelines of the U.S. Environmental Protection Agency (EPA)'s Energy STAR program.

**Existing Conditions and Trends** [24 CFR 58.40(a)]: ( Describe the existing conditions of the project area and its surroundings, and the trends likely to continue in the absence of the project.)

SRRP0037809 in Middlesex County is located in a residential area adjacent to the Raritan Bay. This proposed site is adjacent to wetlands. The proposed activity sites in Monmouth County (SRP0039829, SRP0042661, SRP0044260, and SRP0044410) are located near the Atlantic Ocean coastline. SRP0044260 in Sea Bright is located on a narrow barrier island that separates mainland from the Atlantic Ocean. SRP0039829, SRP0042661, SRP0044260, and SRP0044410 are in residential areas with some small commercial properties nearby. The proposed activity sites are developed multi-family rental properties where vegetation is limited to grass, scattered trees, and conventional landscaping. The rental properties that are part of this environmental review were damaged as a result of Superstorm Sandy in October 2012. The project areas are currently undergoing extensive efforts to recover from the damage caused by Superstorm Sandy. In the absence of the proposed project, the multi-family rental properties will remain damaged and will remain at risk for future flooding and damage.

**PART I: 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><b>1. Air Quality</b> [Clean Air Act, as amended, particularly sections 176(c) &amp; (d), and 40 CFR 6, 51, 93]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. The proposed project is in Middlesex and Monmouth Counties, which are listed as being in nonattainment or maintenance for five National Ambient Air Quality Standards (NAAQS) by the U.S. Environmental Protection Agency (USEPA). Middlesex and Monmouth Counties are listed as being in moderate nonattainment of the 1997 8-hour ozone standard and in marginal nonattainment of the 2008 8-hour ozone standard. Middlesex and Monmouth Counties are listed as being in maintenance of the 1997 and 2006 PM-2.5 standard. Portions of Middlesex and Monmouth Counties are listed as being in maintenance of the carbon monoxide standard, but the proposed activity sites are outside these areas. NAAQS maps are provided as attachment LRRP Middlesex-Monmouth Counties_AirQualityMaps.</p> <p>In a memorandum dated January 23, 2014 from the New Jersey Department of Environmental Protection (NJDEP) Division of Air Quality, residential and commercial construction activities associated with CDBG-DR efforts are well below de minimus thresholds and are presumed to conform to the State Implementation Plan. The memorandum further states that compliance with the regulatory requirements of New Jersey’s Air Rules and the State’s Air Pollution Control requirements continue to remain in effect (see LRRP Middlesex-Monmouth Counties_AirQualityMemo).</p> <p>Sources: USEPA, Green Book, National Area and County-Level Multi-Pollutant Information, <a href="http://www.epa.gov/airquality/greenbook/multipol.html">http://www.epa.gov/airquality/greenbook/multipol.html</a>; NJDEP, Bureau of Air Quality Planning, Attainment Areas Status,</p>



<p><b>2. Airport Hazards</b> (Clear Zones and Accident Potential Zones) [24 CFR 51D]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p><a href="http://www.state.nj.us/dep/bagp/aas.html#co1">http://www.state.nj.us/dep/bagp/aas.html#co1</a></p> <p>The proposed project is in compliance. Newark Liberty International Airport is approximately 14 miles from SRP0037809, the closest proposed activity site to this airport. Atlantic City International Airport is approximately 57 miles from SRP0039829, the closest proposed activity site to this airport. Lakehurst Naval Air Station is the only military airport of concern in New Jersey and this airport is approximately 17 miles from SRP0039829, the closest proposed activity site to this airport (see LRRP Middlesex-Monmouth Counties_AirportHazardsMap).</p> <p>Sources: NJDEP HUD Environmental Review Tool 2.1; aerial imagery accessed in Google™ Earth Pro</p>
<p><b>3. Coastal Zone Management</b> [Coastal Zone Management Act sections 307(c) &amp; (d)]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The proposed project is in compliance. SRP0037809 in Middlesex County is located within the Upland Waterfront Development Zone. SRP0039829, SRP0042661, SRP0044260, and SRP0044410 in Monmouth County are located within the Coastal Area Facility Review Act (CAFRA) zone (see LRRP Middlesex-Monmouth Counties_CoastalZoneManagementActMaps). In an e-mail dated March 28, 2014 from Diane Dow of NJDEP, consultation with the NJDEP Department of Land Use Regulation (DLUR) for a jurisdictional determination is not required for LRRP projects. The e-mail further states to condition the environmental review on the applicant meeting the requirements of permit-by-rule (PBR) N.J.A.C. 7:7-7.2(a)8 (see LRRP Middlesex-Monmouth Counties_DLURConsultationsGuidanceEmail). Since the proposed project is also within the floodplain (see the Floodplain Management section), the proposed project is conditioned on the following: If the footprint of the building is not increased by more than 300 square feet; the expansion or relocation of the lowest floor of the building is reconstructed or elevated to at least one foot above the flood hazard area design flood elevation; and the building is not expanded or relocated closer to any regulated water, within a floodway, or on a beach, dune or wetland, the project qualifies for FHA PBR N.J.A.C. 7:13-7.2(a)3 and Coastal PBR N.J.A.C. 7:7-7.2(a)8. If the building is to be relocated, it must be located in an area where previous disturbance occurred.</p> <p>As part of the 8-step floodplain and wetland decision making process, SRP0037809 in Middlesex County was submitted to the NJDEP DLUR for a wetlands jurisdictional determination. In a letter dated December 17, 2014, the DLUR determined that a Waterfront Development permit and a CAFRA permit are not required and included the PBR requirements stated above. A copy of the letter is provided as attachment LRRP Middlesex-Monmouth Counties_DLUR_JD.</p> <p>Source: NJDEP HUD Environmental Review Tool 2.1</p>

<p><b>4. Contamination and Toxic Substances</b> [24 CFR 50.3(i) &amp; 58.5(i)(2)]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/> <p>The proposed project is in compliance. The proposed activity sites may be within the 3,000-foot radius of a hazardous waste cleanup site, landfill, solid waste cleanup site or hazardous waste facility that handles hazardous materials or toxics substances, however, all sites that were determined by NJDEP to be “non-threatening” to the potential HUD project are not depicted as a hazardous site of concern on the NJDEP HUD Environmental Review Tool 2.1. Only sites determined to be “threatening” by the NJDEP are depicted on the tool. None of the proposed activity sites are within the 3,000-foot radius of a “threatening” site (see LRRP Middlesex-Monmouth Counties_ToxicHazardousandRadioactiveSubstancesMaps).</p> <p>The proposed activity sites are not listed on a State or Federal hazardous waste sites database.</p> <p>Site reconnaissance, conducted by Sadat Associates on November 5, 2014, revealed no visible recognized environmental conditions (RECs) on or in the vicinity of the proposed activity sites. A photo log for each proposed activity site is provided as attachment LRRP Middlesex-Monmouth Counties_SiteInspectionPhotologs.</p> <p>Asbestos is of concern if a structure was constructed prior to 1980 and lead-based paint is of concern if a structure was constructed prior to 1978. Based on the age of construction, the structures on all sites except SRP0044260 in Monmouth County may contain asbestos and lead-based paint (see LRRP Middlesex-Monmouth Counties_SOI-QualifiedArchaeologistDetermination and LRRP Middlesex-Monmouth Counties_SHPOResponses). Contractors must determine if these toxics are present. If present, these toxics must be addressed in accordance with all applicable federal, state, and local laws and regulations.</p> <p>The proposed activity sites are located in Tier 3 areas, which are considered low radon potential areas (see LRRP Middlesex-Monmouth Counties_RadonPotentialMap). No radon testing or mitigation is required for sites located in a Tier 3 area.</p> <p>Sources: NJDEP HUD Environmental Review Tool 2.1; NJDEP, Radon Potential, <a href="http://www.njradon.org/radonin.htm">http://www.njradon.org/radonin.htm</a></p>
<p><b>5. Endangered Species</b> [Endangered Species Act of 1973, particularly section 7; 50 CFR 402]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/> <p>The proposed project is in compliance. SRP0037809 in Middlesex County and SRP0044260 in Monmouth County intersect with the bats threatened and endangered species layer. SRP0039829, SRP0042661, and SRP0044410 in Monmouth County do not intersect with the bats threatened and endangered species layer. SRP0039829 in Monmouth County displays a “Yes” in its centroid attributes table for State Listed Endangered Species and Federal Listed Endangered Species. None of the proposed activity sites intersect with the red knot or piping plover threatened and endangered species layers (see LRRP Middlesex-Monmouth Counties_ThreatenedandEndangeredSpeciesMaps).</p> <p>A request for a threatened and endangered species review was submitted to NJDEP Division of Fish and Wildlife Endangered and Nongame Species (ENSP). In an e-mail response dated November 26,</p>

		<p>2014, the ENSP concluded that the proposed activity sites (SRP0037809, SRP0039829, and SRP0044260) will not affect the northern long-eared bat or any other endangered or threatened animal species (see LRRP Middlesex-Monmouth Counties_ENSPResponse).</p> <p>A request for a Natural Heritage Program (NHP) database review was submitted to the NJDEP Office of Natural Lands Management. In letters dated November 20, 2014, the NHP provided tables showing the data request search results for each proposed activity site. The results for each proposed activity site are summarized below and a copy of the letters is provided as attachment LRRP Middlesex-Monmouth Counties_NHPResponses.</p> <p><u>SRP0037809</u>                  Species based patches were found both onsite and in the immediate vicinity (within ¼ mile) of the proposed activity site. The onsite species based patches were birds. The proposed activity would not affect any of the identified onsite species because birds would not be present on the developed multi-family property and are more likely present in the adjacent wetland area. The proposed activity would not affect any of the identified offsite species because project impacts would be confined to the proposed activity site. No rare plant species or ecological communities were found to be present on the proposed activity site or in the immediate vicinity.</p> <p><u>SRP0039829</u>                  Rare plant species were identified on or in the immediate vicinity (within ¼ mile) of the proposed activity site. The proposed activity would not affect the rare plant species because they would not be present on a developed multi-family property. An invertebrate animal species tracked by ENSP was also identified onsite and in the immediate vicinity. In an e-mail response dated November 26, 2014 (see LRRP Middlesex-Monmouth Counties_ENSPResponse), the ENSP concluded that the proposed activity will not affect any endangered or threatened animal species. Species based patches were found in the immediate vicinity. The proposed activity would not affect any of the identified offsite species because project impacts would be confined to the proposed activity site.</p> <p><u>SRP0042661</u>                  An invertebrate animal species tracked by ENSP was identified onsite and in the immediate vicinity (within ¼ mile) of the proposed activity site; however, the centroid attributes table for the proposed activity site did not indicate the presence of any state or federal threatened and endangered species. Rare plant species and species based patches were also identified in the immediate vicinity. The proposed activity would not affect any of the identified offsite species because project impacts would be confined to the proposed activity site.</p> <p><u>SRP0044260 and SRP0044410</u>                  No rare plant species, ecological communities, rare wildlife species, or wildlife habitat were found to be present on the proposed activity sites. Rare plant species and species based patches were identified in</p>
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		<p>the immediate vicinity (within ¼ mile) of the proposed activity sites. The proposed activities would not affect any of the identified offsite species because project impacts would be confined to the proposed activity sites.</p> <p>The U.S. Fish and Wildlife Service (USFWS) Information, Planning, and Conservation System (IPaC) was consulted to obtain a preliminary USFWS species list for the proposed activity sites. Three species were listed: piping plover, seabeach amaranth, and northern long-eared bat (see LRRP Middlesex-Monmouth Counties_USFWS_IPaC). There were also migratory birds listed within the vicinity of the proposed activity sites. The proposed activity sites are developed multi-family properties and therefore, the proposed project is not anticipated to impact the three listed species or migratory birds. In addition, the NJDEP HUD Environmental Review Tool 2.1 did not show the piping plover near any of the proposed activity sites and the ENSP concluded that the proposed project would not affect the northern long-eared bat or any other endangered or threatened animal species.</p> <p>Sources: NJDEP HUD Environmental Review Tool 2.1; USFWS, Information, Planning, and Conservation (IPaC) System, <a href="http://ecos.fws.gov/ipac/">http://ecos.fws.gov/ipac/</a></p>																														
<p><b>6. Environmental Justice</b> [Executive Order 12898]</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The proposed project is in compliance. Below is a summary table of the percent minority and the percent poverty at and in the vicinity of each proposed activity site (see LRRP Middlesex-Monmouth Counties_EnvironmentalJusticeMaps):</p> <table border="1" data-bbox="776 1081 1515 1350"> <thead> <tr> <th>Site</th> <th>% Minority (at site)</th> <th>% Minority (vicinity)</th> <th>% Poverty (at site)</th> <th>% Poverty (vicinity)</th> </tr> </thead> <tbody> <tr> <td>SRP0037809</td> <td>10 - 20</td> <td>Varied</td> <td>10 - 20</td> <td>Varied</td> </tr> <tr> <td>SRP0039829</td> <td>30 - 40</td> <td>Varied</td> <td>10 - 20</td> <td>10 - 20</td> </tr> <tr> <td>SRP0042661</td> <td>40 - 100</td> <td>Varied</td> <td>10 - 20</td> <td>10 - 20</td> </tr> <tr> <td>SRP0044260</td> <td>10 - 20</td> <td>10 - 20</td> <td>Less than 10</td> <td>Less than 10</td> </tr> <tr> <td>SRP0044410</td> <td>30 - 40</td> <td>Varied</td> <td>10 - 20</td> <td>10 - 20</td> </tr> </tbody> </table> <p>As indicated by the other sections of this environmental assessment, the proposed project would have no significant adverse environmental impacts. The proposed project would therefore have no significant disproportionate adverse environmental impact on minority and low-income residents of the proposed project areas (see LRRP Middlesex-Monmouth Counties_EnvironmentalJusticeChecklist).</p> <p>Source: USEPA, EJView, <a href="http://epamap14.epa.gov/ejmap/entry.html">http://epamap14.epa.gov/ejmap/entry.html</a></p>	Site	% Minority (at site)	% Minority (vicinity)	% Poverty (at site)	% Poverty (vicinity)	SRP0037809	10 - 20	Varied	10 - 20	Varied	SRP0039829	30 - 40	Varied	10 - 20	10 - 20	SRP0042661	40 - 100	Varied	10 - 20	10 - 20	SRP0044260	10 - 20	10 - 20	Less than 10	Less than 10	SRP0044410	30 - 40	Varied	10 - 20	10 - 20
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<p><b>7. Explosive and Flammable Operations</b> [24 CFR 51C]</p>	<p><input checked="" type="checkbox"/> <input type="checkbox"/></p>	<p>The proposed project is in compliance. Per HUD guidance, in cases where disaster funds will be used to elevate, rehabilitate or reconstruct housing on a site where housing previously existed before the disaster, 24 CFR Part 51, Subpart C does not apply if the number of dwelling units on the site is not increased. The proposed project would not increase the number of dwelling units on any of the proposed activity sites.</p>																														

<p><b>8. Farmland Protection</b> [Farmland Protection Policy Act of 1981, particularly section 1504(b) &amp; 1541; 7 CFR 658]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. None of the proposed activity sites are on soils classified as prime farmland, farmland of statewide importance, or farmland of unique importance (see LRRP Middlesex-Monmouth Counties_FarmlandProtectionMaps). The proposed activity sites are developed multi-family properties located in urban areas and are zoned for urban development. Therefore, there would be no effect on farmland.</p> <p>Source: NJDEP HUD Environmental Review Tool 2.1</p>
<p><b>9. Floodplain Management</b> [24 CFR 55; Executive Order 11988, particularly section 2(a)]</p>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<p>The proposed project is in compliance. SRP0037809, SRP0044260, and SRP0044410 are within the 100-year floodplain (A zone) and SRP0039829 and SRP0042661 are outside the 100-year floodplain, as shown on Federal Emergency Management Agency (FEMA) preliminary Flood Insurance Rate Maps (FIRMs) (see LRRP Middlesex-Monmouth Counties_FloodplainManagementMaps).</p> <p>The first six steps of the 8-step floodplain decision making process in 24 CFR 55.20 have been completed for SRP0037809, SRP0044260, and SRP0044410. No comments were received to the public notice published as part of Step 2 of the process. It was concluded that there is no practicable alternative to implementing the proposed project in the 100-year floodplain. Step 7 is the publication of a final floodplain notice, which will be combined with the Notice of Finding of No Significant Impact and the Notice of Intent to Request Release of Funds. The final public notice will be published in accordance with 24 CFR Part 55 for a minimum 7-day comment period. The notice shall state the reasons why the proposed project must be located in the floodplain, provide a list of alternatives considered, and all mitigation measures to be taken to minimize adverse impacts and preserve natural and beneficial floodplain values. All comments received during the comment period will be responded to and fully addressed prior to funds being committed to the proposed project, in compliance with Executive Order 11988 and 24 CFR Part 55. Step 8 is the implementation of the proposed project. Implementation of the proposed project may require additional local and state permits, which could place additional design modifications or mitigation requirements on the proposed project. A summary of the 8-step process is provided as attachment LRRP Middlesex-Monmouth Counties_8StepAnalysis.</p> <p>In an e-mail dated March 24, 2014 from Diane Dow of NJDEP, a jurisdictional determination is not needed from the NJDEP DLUR if the proposed project clearly meets a PBR under the Flood Hazard Area Control Act (see LRRP Middlesex-Monmouth Counties_DLURConsultationsGuidanceEmail). Since the proposed project is also within a coastal zone (see the Coastal Zone Management section), the proposed project is conditioned on the following: If the footprint of the building is not increased by more than 300 square feet; the expansion or relocation of the lowest floor of the building is reconstructed or elevated to at least one foot above the flood hazard area design flood elevation; and the building is not expanded or relocated closer to any regulated water, within a floodway, or on a beach, dune or wetland, the project qualifies for</p>

		<p>FHA PBR N.J.A.C. 7:13-7.2(a)3 and Coastal PBR N.J.A.C. 7:7-7.2(a)8. If the building is to be relocated, it must be located in an area where previous disturbance occurred.</p> <p>As part of the 8-step floodplain and wetland decision making process, SRP0037809 was submitted to the NJDEP DLUR for a wetlands jurisdictional determination. In a letter dated December 17, 2014, the DLUR determined that the proposed project would qualify for a Flood Hazard Area PBR provided it met the requirements stated above. A copy of the letter is provided as attachment LRRP Middlesex-Monmouth Counties_DLUR_JD.</p> <p>Source: NJDEP HUD Environmental Review Tool 2.1</p>
<p><b>10. Historic Preservation</b> [National Historic Preservation Act of 1966, particularly sections 106 &amp; 110; 36 CFR 800]</p>	<p><input type="checkbox"/> <input checked="" type="checkbox"/></p>	<p>The proposed project is in compliance. Each proposed activity site and its Section 106 compliance is described below.</p> <p><u>SRP0037809</u> The proposed activity site is not in an historic property exemption zone (see LRRP Middlesex-Monmouth Counties_HistoricPreservationExemptionZoneMaps). A Form 2 was completed by Alison Haley, a Secretary of Interior (SOI) qualified architect, and Joshua Butchko, a SOI-qualified archaeologist, for the proposed activity site and submitted to the NJDEP Historic Preservation Office (HPO) requesting concurrence with a no historic properties adversely affected finding. In a letter dated November 24, 2014, the Deputy State Historic Preservation Officer made a no historic properties affected determination for the proposed activity. A copy of the response is provided as attachment LRRP Middlesex-Monmouth Counties_SHPOResponses.</p> <p><u>SRP0039829</u> The proposed activity site is not in an historic property exemption zone (see LRRP Middlesex-Monmouth Counties_HistoricPreservationExemptionZoneMaps). A Form 1 was completed by Robert W. Ball, RPA, a SOI-qualified architect, and J. Howard Beverly, Jr., RPA, GISP, a SOI-qualified archaeologist, for the proposed activity site and submitted to the NJDEP HPO requesting concurrence with a no historic properties affected finding. In a letter dated November 24, 2014, the Deputy State Historic Preservation Officer made an adverse effect determination for the proposed activity. Concurrence from the Deputy State Historic Preservation Officer on processing the proposed activity through the standard mitigation treatment (SMT) process was received on December 2, 2014 and notices were e-mailed to the property owner and Mayor of Belmar on December 3, 2014. No comments were received in response to the notices during the 15-day comment period. The resolution of the adverse effect for the proposed activity will be achieved through SMT (see Conditions for Approval). A copy of the HPO response and SMT process documentation is provided as attachment LRRP Middlesex-Monmouth Counties_SHPOResponses.</p> <p><u>SRP0042661</u> The proposed activity site is not in an historic property exemption</p>

		<p>zone (see LRRP Middlesex-Monmouth Counties_HistoricPreservationExemptionZoneMaps). A Form 2 was completed by Alison Haley, a SOI-qualified architect, and Joshua Butchko, a SOI-qualified archaeologist, for the proposed activity site and submitted to the NJDEP HPO requesting concurrence with a no historic properties adversely affected finding. In a letter dated December 4, 2014, the Deputy State Historic Preservation Officer made a no historic properties affected determination for the proposed activity. A copy of the response is provided as attachment LRRP Middlesex-Monmouth Counties_SHPOResponses.</p> <p><u>SRP0044260</u> The proposed activity site is within an historic property exemption zone (see LRRP Middlesex-Monmouth Counties_HistoricPreservationExemptionZoneMaps). In addition, the proposed activity site is located on a barrier island and is not located within an archaeological grid with a known archaeological site. Therefore, the proposed activity site meets the Tier II programmatic allowance I. In an e-mail dated November 12, 2014, J. Howard Beverly, RPA, GISP, a SOI-qualified archaeologist, confirmed the application of this programmatic allowance (see LRRP Middlesex-Monmouth Counties_SOI-QualifiedArchaeologistDetermination).</p> <p><u>SRP0044410</u> The proposed activity site is within an historic property exemption zone (see LRRP Middlesex-Monmouth Counties_HistoricPreservationExemptionZoneMaps), is located on a lot that is less than ¼ acre, and is not located within an archaeological site grid with a known archaeological site. Therefore, the proposed activity site meets the Tier II programmatic allowance II.A.1. In an e-mail dated November 12, 2014, J. Howard Beverly, RPA, GISP, a SOI-qualified archaeologist, confirmed the application of this programmatic allowance (see LRRP Middlesex-Monmouth Counties_SOI-QualifiedArchaeologistDetermination).</p> <p>Source: NJDEP HUD Environmental Review Tool 2.1</p>
<p><b>11. Noise Abatement and Control</b> [Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR 51B]</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p> <p>The proposed project is in compliance. Per HUD guidance, noise is not applicable for projects under the LRRP disaster recovery program that meet the requirements of 24 CFR 51.101(a)(3). The proposed project would not increase residential density and has the effect of restoring the multi-family properties as they existed prior to the disaster.</p> <p>Construction noise will be a temporary impact that will be controlled by best management practices (BMPs). Construction noise will be within applicable city, state and federal codes. Thus, construction noise is not expected to have an impact to the project or surrounding areas.</p>
<p><b>12. Sole Source Aquifers</b> [Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR 149]</p>	<p><input checked="" type="checkbox"/></p>	<p><input type="checkbox"/></p> <p>The proposed project is in compliance. The proposed activity sites are within the Coastal Plain sole source aquifer (see LRRP Middlesex-Monmouth Counties_SoleSourceAquiferMap). The proposed activity sites are serviced by existing public sewer and water. Existing sewer services are provided by Middlesex County Utilities Authority (SRP0037809), South Monmouth Regional Sewerage Authority</p>

		<p>(SRP0039829), Township of Neptune Sewerage Authority (SRP0042661), Two Rivers Water Reclamation Authority (SRP0044260), and Bayshore Regional Sewerage Authority (SRP0044410). Existing water services are provided by Middlesex County Water Company (SRP0037809), Borough of Belmar supplemented by New Jersey American Water (SRP0039829), Keansburg Water and Sewer Department supplemented by New Jersey American Water (SRP0044410), and New Jersey American Water (SRP0042661 and SRP0044260).</p> <p>According to a letter dated August 13, 1996 from the USEPA Region III, proposed projects that do not have the potential to create a significant hazard to public health by adversely impacting groundwater are considered exempt from a sole source aquifer review. The proposed project would reconstruct multi-family properties in developed urban areas. The proposed project would not adversely impact groundwater. A copy of the letter is provided as attachment LRRP Middlesex-Monmouth Counties_EPASoleSourceAquiferLetter.</p> <p>Sources:          NJDEP HUD Environmental Review Tool 2.1; Bayshore Regional Sewerage Authority, <a href="http://www.bayshorersa.com">http://www.bayshorersa.com</a>; Middlesex County Utilities Authority, <a href="http://www.mcua.com">http://www.mcua.com</a>; New Jersey American Water, <a href="http://www.amwater.com/njaw">http://www.amwater.com/njaw</a>; South Monmouth Regional Sewerage Authority, <a href="http://www.smrsa.org">http://www.smrsa.org</a>; Township of Neptune Sewerage Authority, <a href="http://www.tnsa-nj.org">http://www.tnsa-nj.org</a>; Two Rivers Water Reclamation Authority, <a href="http://www.trwra.org">http://www.trwra.org</a>; Middlesex County Water Company, <a href="http://www.middlesexwater.com/">http://www.middlesexwater.com/</a></p>
<p><b>13. Wetland Protection</b>          [24 CFR 55, Executive Order 11990, particularly sections 2 &amp; 5]</p>	<p><input type="checkbox"/></p>	<p><input checked="" type="checkbox"/></p> <p>The proposed project is in compliance. Mapped wetlands are not shown on or in the vicinity of SRP0039829, SRP0042661, SRP0044260, and SRP0044410 in Monmouth County (see LRRP Middlesex-Monmouth Counties_WetlandProtectionMaps). Site reconnaissance, conducted by Sadat Associates on November 5, 2014, revealed no evidence of unmapped wetlands on or in the vicinity of SRP0039829, SRP0042661, SRP0044260, and SRP0044410 in Monmouth County.</p> <p>Mapped wetlands are shown adjacent to SRP0037809 in Middlesex County (see LRRP Middlesex-Monmouth Counties_WetlandProtectionMaps). Site inspection photographs, aerial imagery, and National Wetland Inventory (NWI) mapping were reviewed. The property sits on the north bank of an unnamed, tidal tributary of Raritan Bay. Estuarine, intertidal emergent wetlands are present along the eastern property boundary and extend north and eastward to the shores of Raritan Bay. Site photographs and aerial imagery indicate that these emergent wetlands are dominated by common rush (<i>Phragmites australis</i>). To the southeast of the property, wetlands transition from emergent estuarine to forested riparian wetlands dominated by mature trees located along the north bank of the unnamed, tidal stream.</p> <p>The wetlands extend to the eastern property boundary along its entirety, and to within 10 feet of the west side of the two primary</p>



		<p>residential structures. In the northeastern section of the parcel, wetlands extend to within 5 feet of the parking lot. Along the southern property boundary, wetlands begin approximately 60 feet east of S. Rosewell Avenue and continue uninterrupted eastward. These wetlands extend up to the southern property boundary and come within 10 feet of the southernmost residential structure. Due to the proximity of the residence to wetlands, any work on the property would require erosion and sediment control and wetland protection measures. The greatest potential for wetland impacts would result from construction activities on the south and east sides of the parcel.</p> <p>The first six steps of the 8-step wetland decision making process in 24 CFR 55.20 have been completed for SRP0037809. No comments were received to the public notice published as part of Step 2 of the process. It was concluded that there is no practicable alternative to implementing the proposed project in the wetland. Step 7 is the publication of a final wetland notice, which will be combined with the Notice of Finding of No Significant Impact and the Notice of Intent to Request Release of Funds. The final public notice will be published in accordance with 24 CFR Part 55 for a minimum 7-day comment period. The notice shall state the reasons why the proposed project must be located in the wetland, provide a list of alternatives considered, and all mitigation measures to be taken to minimize adverse impacts and preserve natural and beneficial wetland values. All comments received during the comment period will be responded to and fully addressed prior to funds being committed to the proposed project, in compliance with Executive Order 11990 and 24 CFR Part 55. Step 8 is the implementation of the proposed project. Implementation of the proposed project may require additional local and state permits, which could place additional design modifications or mitigation requirements on the proposed project. A summary of the 8-step process is provided as attachment LRRP Middlesex-Monmouth Counties_8StepAnalysis.</p> <p>As part of the 8-step floodplain and wetland decision making process, SRP0037809 was submitted to the NJDEP DLUR for a wetlands jurisdictional determination. In a letter dated December 17, 2014, the DLUR determined that a Coastal Wetlands permit is not required and stated that it does not appear that the proposed activity would impact freshwater wetlands regulated under the Freshwater Wetlands Protection Act rules. The letter further states that wetland permits would not be required if reconstruction occurs within the same footprint. However, if reconstruction results in work outside the existing footprint, then a Transitional Area Waiver may be required. A copy of the letter is provided as attachment LRRP Middlesex-Monmouth Counties_DLUR_JD.</p> <p>Sources:          NJDEP HUD Environmental Review Tool 2.1; USFWS, NWI Wetlands Mapper, <a href="http://www.fws.gov/wetlands/data/mapper.HTML">http://www.fws.gov/wetlands/data/mapper.HTML</a></p>
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<p><b>14. Wild and Scenic Rivers</b>                  [Wild and Scenic Rivers Act of 1968, particularly section 7(b) &amp; (c); 36 CFR 297]</p>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<p>The proposed project is in compliance. The proposed activity sites are not located within ¼-mile of the stream bank of a designated wild and scenic river or within a one-mile radius of a designated wild and scenic river. The designated segment of the Great Egg Harbor River is approximately 58 miles from SRP0039829, the closest proposed activity site to this designated river segment. The designated segments of the Lower Delaware River, the Musconetcong River, and the Middle Delaware River are approximately 36 miles, 40 miles, and 55 miles, respectively, from SRP0037809, the closest proposed activity site to these designated river segments (see LRRP Middlesex-Monmouth Counties_WildandScenicRiversMap).</p> <p>Sources:                  NJDEP HUD Environmental Review Tool 2.1; National Wild and Scenic Rivers System, Explore Designated Rivers, New Jersey  <a href="http://www.rivers.gov/new-jersey.php">http://www.rivers.gov/new-jersey.php</a></p>
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## PART II: ENVIRONMENTAL ASSESSMENT CHECKLIST

[24 CFR 58.40; 40 CFR 1508.8 & 1508.27]

For each impact category, evaluate the significance of the effects of the proposal on the character, features, and resources of the project area. Enter relevant base data and credible, verifiable source documentation to support the finding. Note names, dates of contact, telephone numbers, and page references. Attach additional material as appropriate. **All conditions, attenuation, or mitigation measures have been clearly identified.**

### Impact Codes:

- (1) no impact anticipated
- (2) potentially beneficial
- (3) potentially adverse- requires documentation
- (4) requires mitigation
- (5) significant/potentially significant adverse impact requiring avoidance or modification which may require an Environmental Impact Statement

Impact Categories	Impact Code	Impact Evaluation, Source Documentation and Mitigation or Modification Required
<b>Land Development</b>		
Conformance with Comprehensive and Neighborhood Plans	1	Belmar, Bradley Beach, Keansburg, Sea Bright, and South Amboy operate under adopted master plans. The proposed project is consistent with these plans.
Land Use Compatibility and Conformance with Zoning	1	The reconstructed multi-family rental properties would be compatible with the existing surrounding urban development. Reconstructing damaged properties as they existed prior to Superstorm Sandy would conform to existing zoning.
Urban Design- Visual Quality and Scale	2	The proposed project would restore damaged multi-family rental properties as they existed prior to Superstorm Sandy. The proposed project would improve visual quality by reconstructing damaged properties.
Slope	1	The proposed project areas do not contain steep slopes and the proposed project would not create steep slopes. The stability of the proposed activity sites would not be a concern for the proposed project.
Erosion	4	The proposed project has the potential to cause erosion. BMPs must be implemented to minimize erosion and sedimentation (see Conditions for Approval). A wetland is adjacent to the proposed activity site of SRP0037809 and BMPs to minimize erosion and sedimentation are particularly important to mitigate potential impacts to the wetland.
Soil Suitability	1	The proposed activity sites are developed multi-family properties located in urban areas. The soil has supported urban development in the past and therefore soil suitability is not a concern for the proposed project.
Hazards and Nuisances, Including Site Safety	1	The proposed project areas contain no unusual hazards, nuisances or safety concerns.

Drainage/Storm Water Runoff	4	The proposed project would create the potential for stormwater runoff to cause erosion and sedimentation. BMPs would be required to minimize erosion and sedimentation (see Conditions for Approval). A wetland is adjacent to the proposed activity site of SRP0037809 and BMPs to minimize erosion and sedimentation are particularly important to mitigate potential impacts to the wetland.
Noise-Effects of Ambient Noise on Project & Contribution to Community Noise Levels	4	There would be temporary, unavoidable increases in noise levels at nearby residences during the reconstruction of structures. Noise impacts would be mitigated to the greatest extent feasible (see Conditions for Approval). The completed project would generate minimal, typical residential noise. The noise in the proposed project areas would be consistent with what existed prior to Superstorm Sandy.
Energy Consumption	1	The proposed project would not consume a significant amount of energy, except for a typical amount during the construction phase. The proposed project would restore multi-family rental properties as they existed prior to Superstorm Sandy.
<b>Socioeconomic Factors</b>		
Demographic Character Changes	1	The proposed project would have no effect on the demographic character of the proposed project areas. The proposed project would restore multi-family rental properties as they existed prior to Superstorm Sandy.
Displacement	1	The proposed project would not displace any residents or businesses. The proposed project would restore multi-family rental properties as they existed prior to Superstorm Sandy.
Employment and Income Patterns	1	The proposed project would have no effect on employment and income patterns in the proposed project areas. The proposed project would restore multi-family rental properties as they existed prior to Superstorm Sandy.
<b>Community Facilities and Services</b>		
Educational Facilities	1	<p>The proposed project would not affect the demand for educational facilities or interfere with delivery of educational services. The nearest educational facilities to the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - South Amboy High and Middle Schools are located at 200 Governor Harold G. Hoffman Plaza, South Amboy, approximately 0.2 miles southeast;</li> <li>• SRP0039829 - Belmar Elementary School is located at 1101 Main Street, Belmar, approximately 0.6 miles west;</li> <li>• SRP0042661 - Bradley Beach Elementary School is located at 515 Brinley Avenue, Bradley Beach, approximately 0.5 miles northwest;</li> <li>• SRP0044260 - Holy Cross Elementary School is located at 40 Rumson Road, Rumson, approximately 0.6 miles northwest; and</li> <li>• SRP0044410 - Joseph C. Caruso Elementary School is located at 285 Carr Avenue, Keansburg, approximately 0.5 miles southwest.</li> </ul> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>

Commercial Facilities	1	<p>The proposed project would not affect the demand for commercial facilities or interfere with operation of commercial facilities. The closest commercial establishments to the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - Broadway Street is approximately 0.2 miles to the west, which has a number of banks, retail shops and restaurants;</li> <li>• SRP0039829 - Meier Guest House Hotel is located at 203 11<sup>th</sup> Avenue, Belmar, approximately 0.1 miles southwest;</li> <li>• SRP0042661 - Sandcastle Inn is located at 204 3<sup>rd</sup> Avenue, Bradley Beach, approximately 0.1 miles northwest;</li> <li>• SRP0044260 - Donovan's Reef Bar is located at 171 Ocean Avenue, Sea Bright, approximately 0.1 miles north; and</li> <li>• SRP0044410 - CBS Supermarket is located at 36 Main Street, Keansburg, approximately 0.2 miles southeast.</li> </ul> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>
Health Care	1	<p>The proposed project would not affect the demand for health care or interfere with delivery of health care. The nearest hospitals to the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - Raritan Bay Medical Center is located at 530 New Brunswick Avenue, Perth Amboy, approximately 2.5 miles north;</li> <li>• SRP0039829 - Jersey Shore University Medical Center is located at 1945 Route 33, Neptune, approximately 2.6 miles northwest;</li> <li>• SRP0042661 - Jersey Shore University Medical Center is located at 1945 Route 33, Neptune, approximately 1.9 miles northwest;</li> <li>• SRP0044260 - Monmouth Medical Center is located at 300 2<sup>nd</sup> Avenue, Long Branch, approximately 4.4 miles south; and</li> <li>• SRP0044410 - Bayshore Community Hospital is located at 727 North Beers Street, Holmdel, approximately 4.5 miles southwest.</li> </ul> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>
Social Services	1	<p>The proposed project would not affect the demand for social services or interfere with delivery of social services. The nearest social services to the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - South Amboy Senior Center is located at 140 North Broadway, South Amboy, approximately 0.3 miles northwest;</li> <li>• SRP0039829 - Interfaith Neighbors is located at 501 D Street, Belmar approximately 0.5 miles northwest;</li> <li>• SRP0042661 - Bradley Food Pantry is located at 605 4<sup>th</sup> Avenue, Bradley Beach, approximately 0.5 miles northwest;</li> <li>• SRP0044260 - Borough Hall is located at 1167 Ocean Avenue, Sea Bright, approximately 0.1 miles north; and</li> <li>• SRP0044410 - Monmouth County Nutrition Pro is located at 100 Main Street, Keansburg, approximately 0.3 miles southeast.</li> </ul>

		<p>Sources:  Bradley Food Pantry, <a href="http://www.bradleyfoodpantry.org">http://www.bradleyfoodpantry.org</a>;  Monmouth County Nutrition Pro,  <a href="http://www.poedit.org/public_services/family_services/monmouth_county_nutrition_pro_88534.html">http://www.poedit.org/public_services/family_services/monmouth_county_nutrition_pro_88534.html</a>; Borough of Sea Bright,  <a href="http://www.seabrightnj.org">www.seabrightnj.org</a>; Borough of South Amboy,  <a href="http://www.southamboynj.gov">http://www.southamboynj.gov</a>; aerial imagery accessed in  Google™ Earth Pro</p>
<p>Solid Waste Disposal/Recycling</p>	<p>4</p>	<p>The proposed project would generate construction and demolition debris, but would not increase long-term generation of solid waste. Asbestos is of concern if a structure was constructed prior to 1980 and lead-based paint is of concern if a structure was constructed prior to 1978. Based on the age of construction, the structures on all sites except SRP0044260 may contain asbestos and lead-based paint (see LRRP Middlesex-Monmouth Counties_SOI-QualifiedArchaeologistDetermination and LRRP Middlesex-Monmouth Counties_SHPOResponses for year built). These hazardous materials, as well as construction and demolition debris, must be handled and disposed of in accordance with applicable federal, state, and local laws and regulations (see Conditions for Approval).</p> <p>The proposed activity sites are currently provided solid waste disposal/recycling services through:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - South Amboy Public Works;</li> <li>• SRP0039829 - Belmar Department of Public Works;</li> <li>• SRP0042661 - Bradley Beach Public Works Department;</li> <li>• SRP0044260 - M&amp;S Disposal; and</li> <li>• SRP0044410 - M&amp;S Disposal.</li> </ul> <p>Sources:  Borough of Bradley Beach, <a href="http://www.bradleybeachnj.gov/Cit-e-Access/webpage.cfm?TID=142&amp;TPID=13913">http://www.bradleybeachnj.gov/Cit-e-Access/webpage.cfm?TID=142&amp;TPID=13913</a>; City of South Amboy, <a href="http://www.southamboynj.gov/public-works">http://www.southamboynj.gov/public-works</a>; Belmar Department of Public Works, <a href="http://www.belmar.com/content.php?npid=121&amp;pid=121&amp;menu_id=20">http://www.belmar.com/content.php?npid=121&amp;pid=121&amp;menu_id=20</a>; M&amp;S Disposal, <a href="http://www.mswaste.com/">http://www.mswaste.com/</a></p>
<p>Waste Water/Sanitary Sewers</p>	<p>1</p>	<p>The proposed project would not affect the wastewater collection, treatment, and disposal system. The proposed activity sites are serviced by existing public sewer by:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - Middlesex County Utilities Authority;</li> <li>• SRP0039829 - South Monmouth Regional Sewerage Authority;</li> <li>• SRP0042661 - Township of Neptune Sewerage Authority;</li> <li>• SRP0044260 - Two Rivers Water Reclamation Authority; and</li> <li>• SRP0044410 - Bayshore Regional Sewerage Authority.</li> </ul> <p>Sources:  Bayshore Regional Sewerage Authority, <a href="http://www.bayshorersa.com">http://www.bayshorersa.com</a>; Middlesex County Utilities Authority, <a href="http://www.mcua.com/">http://www.mcua.com/</a>; South Monmouth Regional Sewerage Authority, <a href="http://www.smrta.org/">http://www.smrta.org/</a>; Township of Neptune Sewerage Authority, <a href="http://www.tnsa-nj.org/">http://www.tnsa-nj.org/</a>; Two Rivers Water Reclamation Authority, <a href="http://www.trwra.org">http://www.trwra.org</a></p>

<p>Water Supply</p>	<p>1</p>	<p>The proposed project would not consume an unusual quantity of water and would not affect the water supply system. The proposed activity sites are serviced by existing public water by:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - Middlesex County Water Company;</li> <li>• SRP0039829 - Borough of Belmar and New Jersey American Water;</li> <li>• SRP0042661 - New Jersey American Water;</li> <li>• SRP0044260 - New Jersey American Water; and</li> <li>• SRP0044410 - Keansburg Water and Sewer Department and New Jersey American Water.</li> </ul> <p>Sources: Middlesex County Water Company, <a href="http://www.middlesexwater.com/">http://www.middlesexwater.com/</a>; New Jersey American Water, <a href="http://www.amwater.com/njaw/">http://www.amwater.com/njaw/</a></p>
<p>Public Safety:</p> <ul style="list-style-type: none"> <li>• Police</li> <li>• Fire</li> <li>• Emergency Medical</li> </ul>	<p>1</p>	<p>The proposed project would not affect the demand for public safety services such as police, fire, and emergency medical or interfere with delivery of these services. Public safety services for the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - South Amboy Police and Fire Department is located at 140 North Broadway, approximately 0.3 miles northwest;</li> <li>• SRP0039829 - Belmar Police Department is located at 601 Main Street, approximately 0.7 miles northwest and Union Fire Company is located on 9<sup>th</sup> Avenue, approximately 0.5 miles northwest;</li> <li>• SRP0042661 - Bradley Beach Police and Fire Department is located at 701 Main Street, Bradley Beach, approximately 0.7 miles northwest;</li> <li>• SRP0044260 - Sea Bright Police and Fire Rescue Department is located at 1099 E. Ocean Avenue, approximately 0.3 miles north; and</li> <li>• SRP0044410 - Keansburg Police Department is located at 179 Carr Avenue, approximately 0.3 miles southwest and New Point Comfort Fire Company No. 1 is located at 192 Carr Avenue, approximately 0.3 miles southwest.</li> </ul> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>
<p>Parks, Open Space &amp; Recreation:</p> <ul style="list-style-type: none"> <li>• Open Space</li> <li>• Recreation</li> </ul>	<p>1</p>	<p>The proposed activity sites are located near the Atlantic Ocean coastline beaches. The beaches, bays, inlets, and the Atlantic Ocean provide many recreational opportunities.</p> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>
<p>Cultural Facilities</p>	<p>1</p>	<p>The proposed project would not affect any cultural facilities. Cultural facilities closest to the proposed activity sites are:</p> <ul style="list-style-type: none"> <li>• SRP0037809 - Sadie Pope Dowdell Public Library is located at 100 Governor Harold G. Hoffman Plaza, South Amboy, approximately 0.2 miles away;</li> <li>• SRP0039829 - Belmar Public Library is located at 517 10<sup>th</sup> Avenue, Belmar, approximately 0.5 miles away;</li> <li>• SRP0042661 - Bradley Beach Library is located at 511 4<sup>th</sup> Avenue, Bradley Beach, approximately 0.5 miles away;</li> </ul>

		<ul style="list-style-type: none"> <li>SRP0044260 - Sea Bright Library is located at 1097 Ocean Avenue, Sea Bright, approximately 0.3 miles away; and</li> <li>SRP0044410 - Keansburg Waterfront Library is located at 55 Shore Boulevard, Keansburg, approximately 0.3 miles away.</li> </ul> <p>Source: Aerial imagery accessed in Google™ Earth Pro</p>
Transportation & Accessibility	4	<p>The proposed project would not create a significant additional demand for transportation services or interfere with the overall transportation network. The proposed activity sites are in developed urban areas sufficiently served by existing roads.</p> <p>Construction activities would increase traffic by construction equipment and worker commuting; however, this will be minimal and short-term. BMPs will be employed to prevent impeding traffic flow by construction equipment (see Conditions for Approval).</p>
<b>Natural Features</b>		
Water Resources	1	The proposed project would not involve significant water withdrawals and would not have a significant effect on water resources.
Surface Water	4	The proposed activity sites are located along the coastline of the Atlantic Ocean. SRP0037809 in Middlesex County is adjacent to wetlands. The proposed project would create the potential for stormwater runoff to cause erosion and sedimentation. BMPs would be required to minimize erosion and sedimentation (see Conditions for Approval).
Unique Natural Features & Agricultural Lands	1	The proposed activity sites are in developed urban areas and the proposed project would not affect agricultural lands. There are no unique natural features on or in the vicinity of the proposed activity sites.
Vegetation and Wildlife	1	The proposed activity sites are developed multi-family rental properties located in urban areas. Vegetation is limited to grass, scattered trees, and conventional landscaping. No significant vegetation or wildlife would be affected by the proposed project. In an e-mail response dated November 26, 2014, the ENSP concluded that the proposed activity sites (SRP0037809, SRP0039829, and SRP0044260) will not affect the northern long-eared bat or any other endangered or threatened animal species (see LRRP Middlesex-Monmouth Counties_ENSPResponse).



## **PART III: 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:

The proposed project is in compliance. Newark Liberty International Airport is approximately 14 miles from SRP0037809, the closest proposed activity site to this airport. Atlantic City International Airport is approximately 57 miles from SRP0039829, the closest proposed activity site to this airport. Lakehurst Naval Air Station is the only military airport of concern in New Jersey and this airport is approximately 17 miles from SRP0039829, the closest proposed activity site to this airport (see LRRP Middlesex-Monmouth Counties\_AirportHazardsMap).

[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 proposed project is in compliance. All proposed activity sites are located outside a coastal barrier resource area (see LRRP Middlesex-Monmouth Counties\_CoastalBarrierResourcesMaps).

[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:

The proposed project involves the reconstruction of multi-family properties. SRP0037809, SRP0044260, and SRP0044410 are within the 100-year floodplain (A zone) and SRP0039829 and SRP0042661 are outside the 100-year floodplain, as shown as shown on FEMA preliminary FIRMs (see LRRP Middlesex-Monmouth Counties\_FloodplainManagementMaps and the Floodplain Management section in Part 1:

Statutory Checklist above).

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**

**Additional Studies Performed:** (List the reports, studies, or analyses performed for this assessment, and attach studies or summaries.)

No additional studies were performed.

**Field Inspection** (Date and completed by):

Field inspections were completed for the proposed project on November 5, 2014 by Sadat Associates.

**List of Sources, Agencies, and Persons Consulted** [40 CFR 1508.9(b)]: (List sources, agencies, and persons consulted for this assessment.)

Bayshore Regional Sewerage Authority. Accessed at <http://www.bayshorersa.com>.

Borough of Belmar. Accessed at <http://www.belmar.com/>.

Borough of Bradley Beach. Accessed at <http://www.bradleybeachnj.gov/>.

Borough of Keansburg. Accessed at <http://www.keansburgboro.com/>.

Borough of Sea Bright. Accessed at <http://www.seabrightnj.org/>.

Bradley Food Pantry. Accessed at <http://www.bradleyfoodpantry.org>.

City of South Amboy. Accessed at <http://www.southamboynj.gov/>.

Google™ Earth Pro

M&S Disposal. Accessed at <http://www.mswaste.com/>.

Middlesex County Utilities Authority. Accessed at <http://www.mcu.com/>.

Middlesex County Water Company. Accessed at <http://www.middlesexwater.com/>.

Monmouth County Nutrition Pro. Accessed at [http://www.poedit.org/public\\_services/family\\_services/monmouth\\_county\\_nutrition\\_pro\\_88534.html](http://www.poedit.org/public_services/family_services/monmouth_county_nutrition_pro_88534.html).

National Wild and Scenic Rivers System. Explore Designated Rivers, New Jersey. Accessed at <http://www.rivers.gov/new-jersey.php>.

New Jersey American Water. Accessed at <http://www.amwater.com/njaw/>.

New Jersey Association of County Tax Boards. Accessed at <http://www.njactb.org/>.

New Jersey Department of Environmental Protection (NJDEP) Bureau of Air Quality Planning. Attainment Areas Status. Accessed at <http://www.state.nj.us/dep/bagp/aas.html#co1>.

NJDEP Division of Air Quality. Memorandum received from William O'Sullivan, Director, January 23, 2014.

NJDEP Division of Fish and Wildlife Endangered and Nongame Species Program. E-mail received from Patrick Woerner, GIS Specialist, November 26, 2014.

NJDEP Division of Land Use Regulation. Letter received from Ryan J. Anderson, Supervisor, December 17, 2014.

NJDEP. E-mails received from Diane Dow, Section Chief, March 24, 2014 and March 28, 2014.

NJDEP Historic Preservation Office. Letters received from Daniel D. Saunders, Deputy State Historic Preservation Officer, November 24, 2014 and December 4, 2014.

NJDEP HUD Environmental Review Tool 2.1. Accessed at <http://www.arcgis.com/explorer/?open=ac492b24c7cc472ea5cf2f57cfaf65ab&extent=-8643120.11643555,4661682.34020292,-7976191.21469309,5121911.72760389>.

NJDEP Radon Potential. Accessed at <http://www.njradon.org/radonin.htm>.

NJDEP State Forestry Service Natural Heritage Program. Letters received from Robert J. Cartica, Administrator, November 20, 2014.

South Monmouth Regional Sewerage Authority. Accessed at <http://www.smrsa.org/>.

Township of Neptune Sewerage Authority. Accessed at <http://www.tnsa-nj.org/>.

U.S. Department of Housing and Urban Development (HUD). Region X Environmental Office Environmental Justice Checklist. Accessed at <http://www.hud.gov/local/shared/working/r10/environment/justice.pdf>.

U.S. Environmental Protection Agency (USEPA). EJView. Accessed at <http://epamap14.epa.gov/ejmap/entry.html>.

USEPA. Green Book, National Area and County-Level Multi-Pollutant Information. Accessed at <http://www.epa.gov/airquality/greenbook/multipol.html>.

USEPA Region III. Letter received from Barbara Smith, SSA Project Manager, August 13, 1996.

U.S. Fish and Wildlife Service (USFWS). Coastal Barrier Resources System Mapper. Accessed at <http://www.fws.gov/CBRA/Maps/Mapper.html>.

USFWS. Information, Planning, and Conservation (IPaC) System. Accessed at <http://ecos.fws.gov/ipac/>.

USFWS. National Wetlands Inventory (NWI) Wetlands Mapper. Accessed at <http://www.fws.gov/wetlands/data/mapper.HTML>.

**Lists of Permits Required:**

This environmental review is conditioned on the applicants meeting the requirements of FHA PBR N.J.A.C. 7:13-7.2(a)3 and Coastal PBR N.J.A.C. 7:7-7.2(a)8. A Transition Area Waiver may be required for SRP0037809 from the DLUR. This does not alleviate the requirement of the applicants obtaining all required federal, state, and local permits before beginning construction.

**Public Outreach** [24 CFR 50.23 & 58.43]:

A public notice of the intent to consider doing the proposed project in the 100-year floodplain and a wetland was published in the Star-Ledger and a Spanish translation of the notice was published in the Reporte Hispano on November 28, 2014. The 15-day comment period ended on December 13, 2014 and no comments were received related to this notice. A combined public notice for the proposed project (Notice of Finding of No Significant Impact, Notice of Intent to Request Release of Funds, and Notice and Public Explanation of a Proposed Activity in the 100-year Floodplain and Wetland) will be published in the Star-Ledger and a Spanish translation of the notice will be published in the Reporte Hispano. Any substantive comments received will be addressed and incorporated into the final environmental assessment document.

**Cumulative Impact Analysis** [24 CFR 58.32]:

The proposed project would not contribute to adverse cumulative impacts on environmental resources. The proposed project would reconstruct multi-family rental properties. Reconstruction will have a cumulative benefit in the area by restoring these properties as they existed prior to Superstorm Sandy. The elevation requirement for the reconstructed structures will provide greater protection against damage from future storms. Middlesex and Monmouth Counties are currently undergoing extensive efforts to recover from the damage caused by Superstorm Sandy in October 2012, and the proposed LRRP is a part of those efforts. Cumulatively, these activities may have temporary impacts on the floodplain, wetland, air quality, noise, and traffic during the implementation phase of these recovery efforts, but these activities will have the long-term benefit of restoring the way of life for New Jersey residents.

**Project Alternatives Considered** [24 CFR 58.40(e), 40 CFR 1508.9]: (As appropriate, identify other reasonable courses of action that were considered and not selected, such as other sites, design modifications, or other uses of the subject site. Describe the benefits and adverse impacts to the human environment for each alternative and the reasons for rejecting it.)

Other than the no action alternative, no other alternatives were considered, as they would not serve to meet the dual purpose of helping the property owner rebuild, and to rebuild in such a way as to better withstand the next major storm event.

**No Action Alternative** [24 CFR 58.40(e)]:

The no action alternative would avoid the short-term construction impacts, but leaving the multi-family

rental buildings in a damaged state would leave the buildings vulnerable to further damage and would not help in the restoration of New Jersey's storm-impacted communities. The no action alternative would neither address the State's need for safe, decent, and affordable housing, nor would it require buildings within the floodplain to be elevated to the highest standard for flood protection. Therefore, the no action alternative was rejected.

### **Summary Statement of Findings and Conclusions:**

The proposed project would address the need to provide safe, decent and affordable rental housing in Middlesex and Monmouth Counties. The proposed project is in compliance with all applicable statutory authorities and would have no significant impact on the environment. Mitigation measures to minimize any potential adverse environmental impacts and to ensure that the proposed project is in compliance with the statutory authorities are identified in the Required Mitigation and Project Modification Measures section below and the Conditions for Approval section at the beginning of this environmental assessment.

**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.

### **Historic Preservation**

3. All activities must comply with Section 106 of the National Historic Preservation Act per the implementing regulations 36 CFR Part 800. Compliance with Section 106 is achieved through the procedures set forth in the Programmatic Agreement among the Federal Emergency Management Agency, the New Jersey State Historic Preservation Officer, the New Jersey State Office of Emergency Management, the Advisory Council on Historic Preservation, the Absentee Shawnee Tribe of Indians of Oklahoma, the Delaware Nation, the Delaware Tribe of Indians, the Shawnee Tribe of Oklahoma, and the Stockbridge Munsee Band of Mohicans, as signed onto by the New Jersey Department of Community Affairs.
4. In the event that archeological deposits, including any Native American pottery, stone tools, bones, or human remains, are uncovered, the project shall be halted and the applicant shall stop all work immediately in the vicinity of the discovery and take reasonable measures to avoid or minimize harm to the finds. All archeological findings will be secured and access to the sensitive area restricted. The applicant will inform FEMA immediately and FEMA will consult with the State Historic Preservation Office (SHPO) or Tribal Historic Preservation Office (THPO) and Tribes and work in sensitive areas cannot resume until consultation is completed and appropriate measures have been taken to ensure that the project is in compliance with the National Historic Preservation Act (NHPA).
5. For SRP0039829, DCA shall consult with NJHPO and DEP to develop and implement a scope of work for the completion of the Standard Treatment Measures D and E, as referenced in Appendix C of the Programmatic Agreement, in order to mitigate the effect of the project on historic architectural resources.

### **Coastal Zone Management, Floodplain Management, and Flood Insurance**

6. If the footprint of the building is not increased by more than 300 square feet; the expansion or relocation of the lowest floor of the building is reconstructed or elevated to at least one foot above the flood hazard area design flood elevation; and the building is not expanded or relocated closer to any regulated water, within a floodway, or on a beach, dune or wetland, the project qualifies for FHA PBR N.J.A.C. 7:13-7.2(a)3 and Coastal PBR N.J.A.C. 7:7-7.2(a)8. If the building is to be relocated, it must be located in an area where previous disturbance occurred.
7. 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).
8. All structures funded by the LRRP, 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)].
9. 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)].

### **Noise**

10. During the temporary construction activities, outfit all equipment with operating mufflers.
11. During the temporary construction activities, 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 requirements (see LRRP Middlesex-Monmouth Counties\_AirQualityMemo). In addition, the following must be met:

12. Use water or chemical dust suppressant in exposed areas to control dust.
13. Cover the load compartments of trucks hauling dust-generating materials.
14. Wash heavy trucks and construction vehicles before they leave the site.
15. Reduce vehicle speed on non-paved areas and keep paved areas clean.
16. Retrofit older equipment with pollution controls.
17. Establish and follow specified procedures for managing contaminated materials discovered or generated during construction.
18. Employ spill mitigation measures immediately upon a spill of fuel or other hazardous material.
19. 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:
  - e. 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);
  - f. 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);
  - g. 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
  - h. 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).

(Note: One or two family dwellings and dwellings of six or less family units, one of which is owner occupied, are exempt pursuant to NJSA 26:2C-9.2.)

20. 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).
21. 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).
22. 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.

#### **Wetland Protection, Erosion, Drainage/Storm Water Runoff, and Surface Water**

23. Implement and maintain erosion and sedimentation control measures sufficient to prevent deposition of sediment and eroded soil in offsite wetlands and waters and to prevent erosion in offsite wetlands and surface waters.
24. Minimize soil compaction by minimizing project activities in vegetated areas, including lawns.
25. If practicable, the structures at SRP0037809 should be relocated further away from the wetland, using best management practices.
26. For SRP0037809, coordinate with the DLUR to obtain required permits, including, but not limited to, a Transition Area Waiver.
27. Replace and revegetate any disturbed area as soon as possible after work has been completed.
28. Do not introduce invasive species to the site.

#### **Transportation and Accessibility**

29. Implement and maintain appropriate traffic control and access maintenance measures.

#### **Hazardous Materials and Solid Waste Disposal/Recycling**

30. All activities must comply with applicable federal, state, and local laws and regulations regarding asbestos, including but not limited to the following:
  - e. National Emission Standard for Asbestos, standard for demolition and renovation, 40 CFR 61.145
  - f. National Emission Standard for Asbestos, standard for waste disposal for manufacturing, fabricating, demolition, and spraying operations, 40 CFR 61.150
  - g. NJAC 7:26-2.12—Generator requirements for disposal of asbestos containing waste materials
  - h. New Jersey Asbestos Control and Licensing Act, N.J.S.A. 34:5A-32 et seq.
31. Applicant must comply with all laws and regulations concerning the proper handling, removal and disposal of hazardous materials (e.g. asbestos, lead-based paint) or household waste (e.g. construction and demolition debris, pesticides/herbicides, white goods).
32. All activities must comply with applicable federal, state, and local laws and regulations regarding lead-based paint, including but not limited to HUD’s lead-based paint regulations in 24 CFR Part 35 Subparts B, H, and J.
33. All residential structures must be free of mold attributable to Superstorm Sandy.
34. Comply with all laws, regulations, and industry standards applicable to aboveground and underground storage tanks, including the New Jersey underground storage tank regulations at NJAC 7:14B.
35. Storage tanks below the base flood elevation must be watertight and must be anchored to resist floatation and lateral movement during a storm surge or other flood.