NEW YORK STATE HOUSING TRUST FUND
HOME PROGRAM

PROGRAMMATIC ENVIRONMENTAL REVIEW RECORD
FOR LOCAL PROGRAM ADMINISTRATOR (LPA) PROGRAMS

PROGRAM NAME: Northfield Owner-Occupied Home Rehabilitation 2015

SHARS NUMBER: 20153123

PROGRAM SPONSOR: Northfield Community LDC of Staten Island, Inc.

PRIMARY CONTACT: Ms. Joan Catalano
(NAME AND TITLE) Executive Director

ADDRESS: Northfield Community LDC of Staten Island, Inc.
160 Heberton Avenue
Staten Island, NY 10302

TELEPHONE: (718) 442-7351
FAX:
EMAIL: northfieldldc.jcat17@gmail.com

RESPONSIBLE ENTITY: New York State Homes & Community Renewal

CERTIFYING OFFICER: Director, Environmental Analysis Unit

PROGRAM LOCATION (OR TARGET AREA): Scattered sites, to be chosen, within Richmond County

1.0 PROGRAM ACTIVITIES *(Provide a complete description of the program. Include whether sites selected for the program may require a zone change, special use permit or subdivision approval and the number of units to be provided. Also determine any site disturbance will occur, including digging utility trenches and installing or improving wells or septic systems).*

With the HOME funds, Northfield Community LDC will administrate a HOME LPA Program for owner-occupied housing rehabilitation. The program will address health and safety repair needs as well as code compliance in the homes of 15 low-income Staten Island resident home owners. Ground disturbance may occur as part of program activities; for example, accessibility modifications such as a wheelchair ramp.

ESTIMATED TOTAL PROJECT COSTS: $327,395
HTFC HOME AWARD AMOUNT: $230,000

2.0 PROGRAM CLASSIFICATION - NEPA (Check one)

☐ 2.1 – Exempt

☐ 2.2 – Categorically Excluded - subject only to regulations at 58.6

☒ 2.3 – Categorically Excluded - subject to 24 CFR 58.5 and 58.6

☐ 2.4 - Environmental Assessment Required

3.0 PROGRAM CLASSIFICATION - SEQR (Check one)

☒ 3.1 - Type II action.

☐ 3.2 - Unlisted action *(Contact HTFC environmental staff for further guidance).*

4.0 REGULATORY COMPLIANCE DOCUMENTATION

4.1 PROCEDURES TO COMPLY WITH RELATED LAWS AT 24 CFR 58.6
*(Use additional pages if necessary)*

Flood Disaster Protection Act of 1973
All sites will be reviewed for their location on FIRM maps at: https://msc.fema.gov/portal
No sites within a floodway will be chosen. Any site within a 100-year flood zone will be required to maintain flood insurance.

4.2 PROCEDURES TO COMPLY WITH RELATED LAWS AT 24 CFR 58.5
*(Use additional pages if necessary)*

Historic Properties
For all projects that involve any site disturbance, demolition, or rehabilitation of buildings 50 years old or older, applicants must submit the project for review by the State Historic Preservation Office (SHPO) through the Cultural Resource Information System (CRIS) site found here: https://cris.parks.ny.gov for an effect determination.
THPO review is not required for the program area.

Floodplain Management
All sites will be reviewed for their location on FIRM maps at: https://msc.fema.gov/portal
No sites within a floodway will be chosen.
If a site is located outside of the 100-year-floodplain, no further action is required. If a site is within the 100-year-floodplain, the Floodplain Management Worksheet will be completed (Appendix J of the NYSHCR HOME LPA Manual). If the project does not constitute "substantial improvement," no further action is needed. If it does, Environmental Analysis Unit (EAU) must be contacted for further instruction.

Wetland Protection

Any site intrusive work, even on previously disturbed land, will be constructed so as to reduce, minimize, or otherwise avoid impacts within wetlands or associated "buffers or check zones." Maps of jurisdictional wetlands will be consulted for each site. In addition to consultation of wetlands maps, if the Sponsor or EAU suspects the potential presence of wetlands in the areas to be disturbed, a formal jurisdictional review or qualified biologist delineation may be required to confirm whether wetlands will be disturbed. This will be decided in further consultation with EAU. If a site is located on or in proximity to wetlands the Sponsor will consult with the relevant regulator and obtain all necessary permits, after completing the Executive Order 11990 8-Step review process. If a site is located in any State associated buffers the Sponsor will consult with NYSDEC and obtain all necessary permits.

Coastal Zone Management

The target area contains NYS Coastal Zones according to the NYS Coastal Zone Atlas (attached). Each project site will be checked for its location with regard to a Coastal Zone. If a site is within a Coastal Zone, the sponsor must contact EAU and EAU will need to coordinate a submission of the project to New York State Department of State (DOS) prior to completion of the Tier 2 checklist for that site.

Endangered Species

For every project requiring disturbance of previously undisturbed ground the sponsor will: (1) contact the NYS Natural Heritage Program to determine the potential for impacts of the proposed action on any rare, threatened, or endangered species; and (2) follow the USFWS directions for project reviews at http://www.fws.gov/northeast/nyfo/es/section7.htm. If the USFWS directions reveal the possibility of an endangered species on the site, EAU will be contacted to further consult with USFWS.

Noise Abatement and Control

24 CFR Part 51 requires that noise criteria and standards be taken into consideration in the environmental review process and that ameliorative actions be considered for HUD funded development in noise exposed areas. For all sites, distances to major noise sources must be determined. Any project located within 1,000 feet of a roadway carrying more than 10,000 vehicles per day, 3,000 feet of an active railroad or 5 miles of a commercial airport on the FAA's 239 list or 15 miles of a military airport must be assessed to determine if the site exposed to unacceptable noise.

If a project located within critical distances of noise sources is substantial rehabilitation, the sponsor must demonstrate that the project falls within the acceptable noise guidelines. If the noise level is determined to be over 65dB, noise mitigation will be strongly recommended and if the noise level is over 75 dB the site will normally not be acceptable for HOME funding.

If a project located within critical distances of noise sources qualifies as moderate rehabilitation, noise attenuation features will be recommended to be included in the project design to the extent that potential noise mitigating work is already contemplated in the project scope (e.g. new windows, insulation, siding, etc.). To demonstrate moderate rehabilitation, the Sponsor will attach an estimate and scope of work and value of the

home using the Flood Management Worksheet in Appendix J of the HOME LPA Manual and attach it to each Tier 2.

HUD Environmental Standards
Each site will be reviewed by an environmental professional, including a site visit, to determine that the site is not located on or near any hazardous materials or contamination. The site visit report will include a signed certification statement, that: "I, (Name, Title), certify that I am a qualified environmental professional as per ASTM 1527."

Environmental Justice
According to NYSDEC mapping at: http://www.dec.ny.gov/public/899.html, the target area does include potential environmental justice areas. The Program is intended to serve an existing need for affordable housing and is not expected to facilitate development which would result in adverse environmental justice impacts. All substantial rehabilitation projects will be reviewed to determine whether they are within an acceptable noise level area. If applicable, there will not be unmitigated thermal explosive hazards in close proximity to the sites. Each site will be reviewed for compliance with HUD Environmental Standards.

Asbestos & Lead-Based Paint
Regarding asbestos containing materials (ACM), all project work will comply with NYS Department of Labor Part 56 requirements including the need for surveys and clearance reports, as required. A contractor will be involved in the project construction and will be instructed regarding the need for compliance with Part 56.
Regarding lead-based paint (LBP), in homes constructed prior to 1978, all work will be conducted according to the HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" and the EPA Renovation, Repair and Painting Rule (RRP rule).
All ACM and LBP must be properly disposed of at a properly licensed facility.
The LPA must maintain all compliance documentation for potential audit by EAU.

5.0 ENVIRONMENTAL ASSESSMENT *(This section to be completed only for programs which require an EA according to Section 2.4).*

5.1 MITIGATION MEASURES NEEDED *(This section to be completed only for programs which require an EA according to Section 2.4).*

5.2 ALTERNATIVES TO THE PROPOSED ACTION *(This section to be completed only for programs which require an EA according to Section 2.4).*

*No Action:*

*Other alternatives:*

*Preferred alternative:*

5.3 ENVIRONMENTAL FINDING: *(This section to be completed only for programs which require an EA according to Section 2.4* - Check one)

☐ Finding of No Significant Impact (FONSI)

☐ Finding of Significant Impact (FOSI)

6.0 PUBLIC NOTICES (Check one)

☐ 6.1 No public notice is required in connection with this program (for program classifications 2.1 and 2.2, above).

☒ 6.2 A Notice of Intent to Request Release of Funds (NOIRROF) will be published and distributed in connection with this program *(for program classification 2.3, above).*

☐ 6.3 A combined Finding of No Significant Impact (FONSI) and Notice of Intent to Request Release of Funds (NOIRROF) will be published and distributed in connection with this program *(for program classification 2.4, above).*

Signed: Joan M. Catalano

Name: Ms. Joan Catalano

Title: Executive Director

Group: Northfield Community LDC of Staten Island, Inc.

Date: 5/5/16

Prepared by: Benedict Wolfling, CORE Environmental Consultants, Inc.

Consultant Signature & Date: April 28, 2016

ERR ATTACHMENT 2.1

EXEMPT ACTIVITIES (24 CFR 58.34, you may check more than one)

- ☐ Environmental and other studies, resource identification and development of plans and strategies [58.34(a)(1)].
- ☐ Information and financial services [58.34(a)(2)].
- ☐ Administration and management activities [58.34(a)(3)].
- ☐ Public services that will not have a physical impact or result in physical changes, such as services concerned with employment, crime prevention, child care, health, drug abuse, education, counseling, energy conservation and welfare or recreational needs [58.34(a)(4)].
- ☐ Inspections and testing of properties for hazards or defects [58.34(a)(5)].
- ☐ Purchase of insurance [58.34(a)(6)].
- ☐ Purchase of tools [58.34(a)(7)].
- ☐ Engineering or design costs [58.34(a)(8)].
- ☐ Technical assistance and training [58.34(a)(9)].
- ☐ Assistance for temporary or permanent improvements that do not alter environmental conditions and are limited to protection, repair or restoration activities necessary only to control or arrest the effects from physical disasters, imminent threats or physical deterioration [58.34(a)(10)].
- ☐ Payment of principal and interest on loans made or obligations guaranteed by HUD [58.34(a)(11)].
- ☐ Any of the categorical exclusions listed in 58.35(a), provided that there are no circumstances which require compliance with any other federal laws and authorities cited in 58.5 [58.34(a)(12)].

ERR ATTACHMENT 2.2

CATEGORICALLY EXCLUDED ACTIVITIES [58.35(b)]

*Activities in this section require compliance with related laws and authorities at 58.6, but not 58.5.** you may check more than one.

☐ Tenant-based rental assistance [58.35(b)(1)].

☐ Supportive services including, but not limited to health care, housing services, permanent housing placement, day care, nutritional services, short-term payments for rent/mortgage/utility costs, and assistance in gaining access to local, state and federal government benefits and services [58.35(b)(2)].

☐ Operating costs including maintenance, security, operation, utilities, furnishings, equipment, supplies, staff training and recruitment and other incidental costs [58.35(b)(3)].

☐ Economic development activities, including but not limited to, equipment purchase, inventory financing, interest subsidy, operating expenses and similar costs not associated with construction or expansion of existing operations [58.35(b)(4)].

☐ Activities to assist homebuyers to purchase existing dwelling units or dwelling units under construction**, including closing costs and down payment assistance, interest buydowns, and similar activities that result in the transfer of title [58.35(b)(5)].

☐ Affordable housing pre-development costs including legal, consulting, developer and other costs related to obtaining site options, project financing, administrative costs and fees for loan commitments, zoning approvals, and other related activities which do not have a physical impact [58.35(b)(6)].

☐ Approval of supplemental assistance (including insurance or guarantee) to a project previously approved under this part, if the approval is made by the same responsible entity that conducted the environmental review on the original project and re-evaluation of the environmental findings is not required under Sec. 58.47 [58.35(b)(7)].

* If a responsible entity determines that an activity or project identified above, because of extraordinary circumstances or conditions at or affecting the location of the activity or project, may have a significant environmental effect, an environmental assessment must be prepared and a determination of significance made.

** **This exclusion applies only to financial assistance for purchase of existing for-sale homes or homes under construction. Homebuyer assistance for units not already under construction is classified as Categorically Excluded according to Section 2.3 of the ERR form, or an activity requiring Environmental Assessment according to Section 2.4 of the ERR form. In all cases, for this exclusion to apply, the prospective buyer must have discretion regarding selection of properties within the target area.**

ERR ATTACHMENT 2.3

CATEGORICALLY EXCLUDED ACTIVITIES [58.35(a)]

*Activities in this section require compliance with related laws and authorities at 58.5 and 58.6,* you may check more than one.

☐ Acquisition, repair, improvement, reconstruction, or rehabilitation of public facilities and improvements (other than buildings) when the facilities and improvements are in place and will be retained in the same use without change in size or capacity of more than 20 percent. Examples of this type of activity include replacement of water and sewer lines, reconstruction of curbs and sidewalks, street repaving [58.35(a)(1)].

☐ Special projects directed to the removal of material and architectural barriers that restrict the mobility of and accessibility to elderly and handicapped persons [58.35(a)(2)].

☒ Rehabilitation of buildings and improvements for residential use (with one to four units), where the density is not increased beyond four units, the land use is not changed, and the footprint of the building is not increased in a floodplain or in a wetland [58.35(a)(3)(i)].

☐ Rehabilitation of multifamily residential buildings (with five or more units), when the following conditions are met: a) unit density is not changed more than 20 percent, b) the project does not involve changes in land use from residential to non-residential, and c) the estimated cost of rehabilitation is less than 75 percent of the total estimated cost of replacement after rehabilitation [58.35(a)(3)(ii)].

☐ Rehabilitation of non-residential structures, including commercial, industrial, and public buildings when the following conditions are met: a) the facilities and improvements are in place and will not be changed in size or capacity by more than 20 percent, and b) the activity does not involve a change in land use, such as from non-residential to residential, or from one industrial use to another [58.35(a)(3)(iii)].

☐ An individual action on up to four dwelling units (not including rehabilitation - see 58.35(a)(3)(i) above) where there is a maximum of four units on any one site. The units can be four one-unit buildings or one four-unit building or any combination in between [58.35(a)(4)(i)].

☐ An individual action on a project of five or more housing units (not including rehabilitation - see 58.35(a)(3)(i) above) developed on scattered sites when the sites are more than 2,000 feet apart and there are not more than four housing units on any one site [58.35(a)(4)(ii)].

☐ Acquisition or disposition of an existing structure or acquisition of vacant land provided that the structure or land acquired or disposed will be retained for the same use [58.35(a)(5)].

☐ Any combination of the above activities [58.35(a)(6)].

# Statutory Checklist – PROGRAMMATIC REVIEW

SHARS No: 20153123
LPA Name: Northfield Community LDC of Staten Island, Inc.
Program Name: Northfield Owner-Occupied Home Rehabilitation 2015

*A - Not Applicable to this Project
B - Consultation, Permit and/or Mitigation Required.

| **Area of Statutory -Regulatory Compliance** | **A*** | **B** | **Provide compliance documentation**<br><br>**Additional material may be attached.** |
|---|---|---|---|
| **Section 4.1** | | | |
| Flood Disaster Protection Act of 1973 | ☐ | ☒ | All sites will be reviewed for their location on FIRM maps at: https://msc.fema.gov/portal<br><br>No sites within a floodway will be chosen. Any site within a 100-year flood zone will be required to maintain flood insurance. |
| Coastal Barrier Resources Act | ☒ | ☐ | No Coastal Barrier Resource Areas exist in the target area. No further Tier 2 review required. |
| Runway Clear Zones (notification) | ☒ | ☐ | No designated primary or commercial service airports exist within or near to the target area. No further Tier 2 review required. |
| **Section 4.2** | | | |
| Historic Properties | ☐ | ☒ | For all projects that involve any site disturbance, demolition, or rehabilitation of buildings 50 years old or older, applicants must submit the project for review by the State Historic Preservation Office (SHPO) through the Cultural Resource Information System (CRIS) site found here: https://cris.parks.ny.gov for an effect determination.<br><br>THPO review is not required for the program area. |

| | | | |
|---|---|---|---|
| Floodplain Management | ☐ | ☒ | All sites will be reviewed for their location on FIRM maps at: https://msc.fema.gov/portal<br>No sites within a floodway will be chosen.<br>If a site is located outside of the 100-year-floodplain, no further action is required. If a site is within the 100-year-floodplain, the Floodplain Management Worksheet will be completed (Appendix J of the NYSHCR HOME LPA Manual). If the project does not constitute "substantial improvement," no further action is needed. If it does, Environmental Analysis Unit (EAU) must be contacted for further instruction. |
| Wetland Protection | ☐ | ☒ | Any site intrusive work, even on previously disturbed land, will be constructed so as to reduce, minimize, or otherwise avoid impacts within wetlands or associated "buffers or check zones." Maps of jurisdictional wetlands will be consulted for each site. In addition to consultation of wetlands maps, if the Sponsor or EAU suspects the potential presence of wetlands in the areas to be disturbed, a formal jurisdictional review or qualified biologist delineation may be required to confirm whether wetlands will be disturbed. This will be decided in further consultation with EAU. If a site is located on or in proximity to wetlands the Sponsor will consult with the relevant regulator and obtain all necessary permits, after completing the Executive Order 11990 8-Step review process. If a site is located in any State associated buffers the Sponsor will consult with NYSDEC and obtain all necessary permits. |
| Coastal Zone Management | ☐ | ☒ | The target area contains NYS Coastal Zones according to the NYS Coastal Zone Atlas (attached). Each project site will be checked for its location with regard to a Coastal Zone. If a site is within a Coastal Zone, the sponsor must contact EAU and EAU will need to coordinate a submission of the project to New York State Department of State (DOS) prior to completion of the Tier 2 checklist for that site. |
| Sole Source Aquifers | ☒ | ☐ | The target area does not contain any SSAs. No Tier 2 review required. |
| Endangered Species | ☐ | ☒ | For every project requiring disturbance of previously undisturbed ground the sponsor will: (1) contact the NYS Natural Heritage Program to determine the potential for impacts of the proposed action on any rare, threatened, or endangered species; and (2) follow the USFWS directions for project reviews at http://www.fws.gov/northeast/nyfo/es/section7.htm. If the USFWS directions reveal the possibility of an endangered species on the site, EAU will be contacted to further consult with USFWS. |
| Wild and Scenic Rivers | ☒ | ☐ | The target area does not contain any state or federal Wild, Scenic and Recreational rivers. No Tier 2 review required. |

| | | | |
|---|---|---|---|
| Air Quality | ☒ | ☐ | The Program is for owner occupied rehabilitation, a categorically excluded activity. The proposed project work is not of a size or scope that contributes to air pollution or is expected to violate the State Implementation Plan (SIP). No Tier 2 review required. |
| Farmlands Protection | ☒ | ☐ | The Program is for down payment assistance and/or rehabilitation of a single-family home only. It will not convert farmland to a nonagricultural use. No Tier 2 review required. |
| Noise Abatement and Control | ☐ | ☒ | 24 CFR Part 51 requires that noise criteria and standards be taken into consideration in the environmental review process and that ameliorative actions be considered for HUD funded development in noise exposed areas. For all sites, distances to major noise sources must be determined. Any project located within 1,000 feet of a roadway carrying more than 10,000 vehicles per day, 3,000 feet of an active railroad or 5 miles of a commercial airport on the FAA's 239 list or 15 miles of a military airport must be assessed to determine if the site exposed to unacceptable noise.<br><br>If a project located within critical distances of noise sources is substantial rehabilitation, the sponsor must demonstrate that the project falls within the acceptable noise guidelines. If the noise level is determined to be over 65dB, noise mitigation will be strongly recommended and if the noise level is over 75 dB the site will normally not be acceptable for HOME funding.<br><br>If a project located within critical distances of noise sources qualifies as moderate rehabilitation, noise attenuation features will be recommended to be included in the project design to the extent that potential noise mitigating work is already contemplated in the project scope (e.g. new windows, insulation, siding, etc.). To demonstrate moderate rehabilitation, the Sponsor will attach an estimate and scope of work and value of the home using the Flood Management Worksheet in Appendix J of the HOME LPA Manual and attach it to each Tier 2. |
| Thermal/Explosive Hazards | ☒ | ☐ | The Program will not allow for new construction, rehab to increase the number of units, conversion of non-residential buildings to residential, restoration of vacant or abandoned buildings, or increase in the size of a mobile home by 122%. No Tier 2 review required. |
| Runway Clear Zones (development) | ☒ | ☐ | No civil or military service airports exist within or near to the target area. No further Tier 2 review required. |
| HUD Environmental Standards | ☐ | ☒ | Each site will be reviewed by an environmental professional, including a site visit, to determine that the site is not located on or near any hazardous materials or contamination. The site visit report will include a signed certification statement, that: "I, (Name, Title), certify that I am a qualified environmental professional as per ASTM 1527." |

| | | | |
|---|---|---|---|
| Environmental Justice | ☐ | ☒ | According to NYSDEC mapping at: http://www.dec.ny.gov/public/899.html, the target area does include potential environmental justice areas. The Program is intended to serve an existing need for affordable housing and is not expected to facilitate development which would result in adverse environmental justice impacts. All substantial rehabilitation projects will be reviewed to determine whether they are within an acceptable noise level area. If applicable, there will not be unmitigated thermal explosive hazards in close proximity to the sites. Each site will be reviewed for compliance with HUD Environmental Standards. |
| Asbestos & Lead-Based Paint | ☐ | ☒ | Regarding asbestos containing materials (ACM), all project work will comply with NYS Department of Labor Part 56 requirements including the need for surveys and clearance reports, as required. A contractor will be involved in the project construction and will be instructed regarding the need for compliance with Part 56.<br><br>Regarding lead-based paint (LBP), in homes constructed prior to 1978, all work will be conducted according to the HUD "Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing" and the EPA Renovation, Repair and Painting Rule (RRP rule).<br><br>All ACM and LBP must be properly disposed of at a properly licensed facility.<br><br>The LPA must maintain all compliance documentation for potential audit by EAU. |

"I am the authorized signatory for the HTFC HOME LPA award to the entity named below. I have read the Programmatic Environmental Review Record and Statutory Checklist and by signing these documents agree with the statements made therein and agree that all site specific reviews will be conducted in conformance with the described procedures."

Signed: Joan M. Catalano

Name: Ms. Joan Catalano

Title: Executive Director

Group: Northfield Community LDC of Staten Island, Inc.

Date: 5/5/16

Prepared by: Benedict Wolfling, CORE Environmental Consultants, Inc.

Consultant Signature & Date: April 28, 2016

# ATTACHMENTS:

**Project Area Map**

**Coastal Barrier Resources System - Richmond County**

**USA National Wild and Scenic Rivers System - Richmond County**

**USEPA Sole Source Aquifers**

**Sole Source Aquifer - Richmond County**

**Project Name & SHARS No.:**

Northfield Owner-Occupied Home Rehabilitation 2015; 20153123

**Responsible Entity:**

New York State Homes & Community Renewal

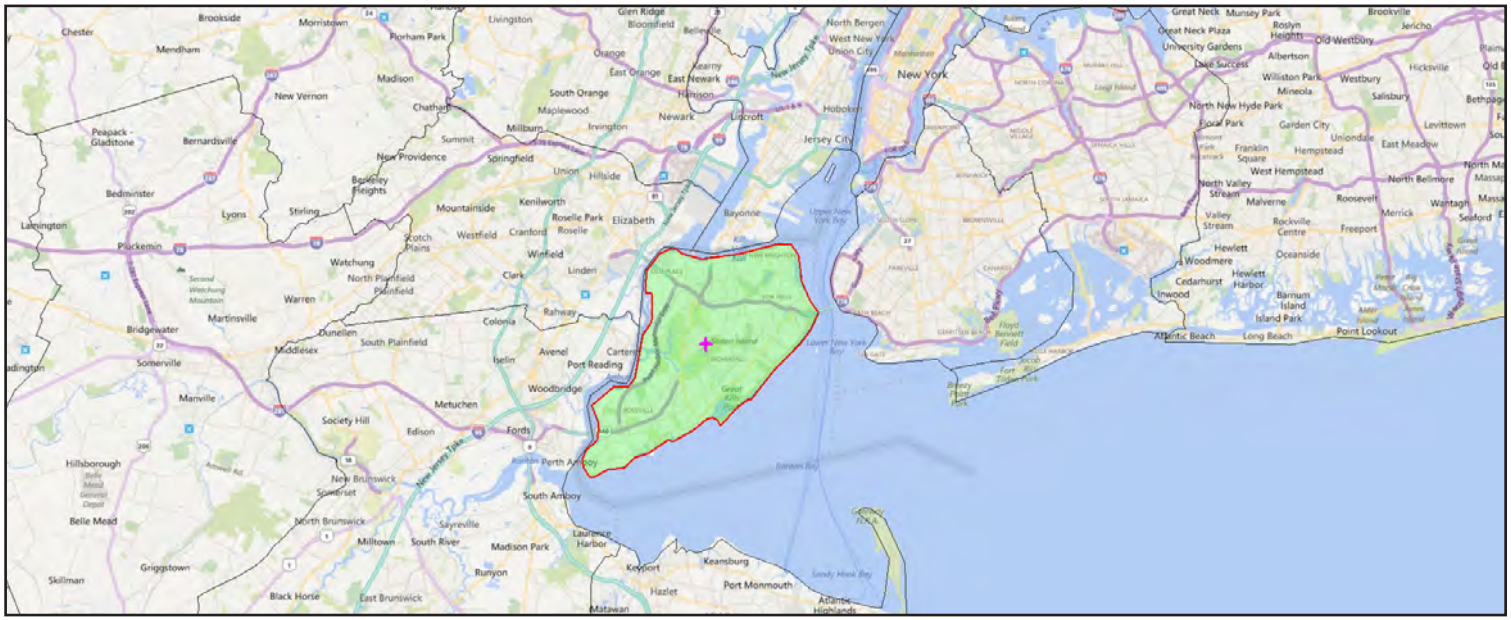
**Grant Recipient:**

Northfield Community LDC of Staten Island, Inc.

**Date:**

April 25, 2016

# PROJECT AREA MAP




Source: NEPAssist, US Environmental Protection Agency. Unknown Scale; Generated by Alyssa Cruikshank; <http://nepassisttool.epa.gov/nepassist/> (25 April 2016).

**Prepared by:**

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**Prepared for:**

NEW YORK STATE Homes & Community Renewal
38-40 State Street
Albany, NY 12207
(518) 486-3379

**Project Name & SHARS No.:**

Northfield Owner-Occupied Home Rehabilitation 2015; 20153123

**Responsible Entity:**

New York State Homes & Community Renewal

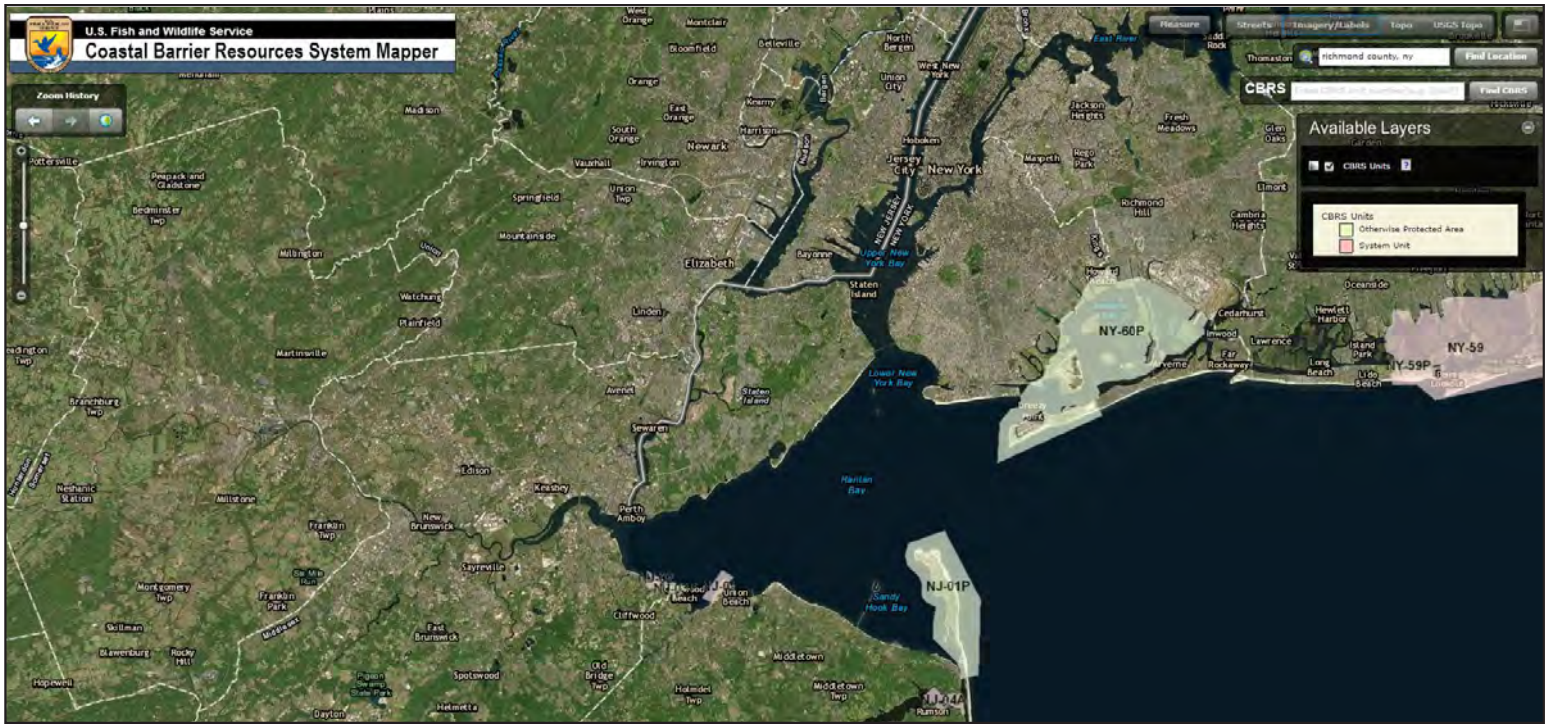
**Grant Recipient:**

Northfield Community LDC of Staten Island, Inc.

**Date:**

April 25, 2016

# COASTAL BARRIER RESOURCES SYSTEM - RICHMOND COUNTY




Source: Coastal Barrier Resources System, US Fish & Wildlife Service. Unknown Scale; Generated by Alyssa Cruikshank; <http://www.fws.gov/CBRA/Maps/Mapper.html> (25 April 2016).

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# USA NATIONAL WILD AND SCENIC RIVERS SYSTEM - RICHMOND COUNTY

Source: Wild and Scenic Rivers Map, USDA Forest Service, USDI Bureau of Land Management, Fish and Wildlife Service, National Park Service. Scale Unknown; Generated by Alyssa Cruikshank; <http://www.rivers.gov> (25 April 2016.

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**Grant Recipient:**

Northfield Community LDC of Staten Island, Inc.

**Date:**

April 25, 2016

# Sole Source Aquifers

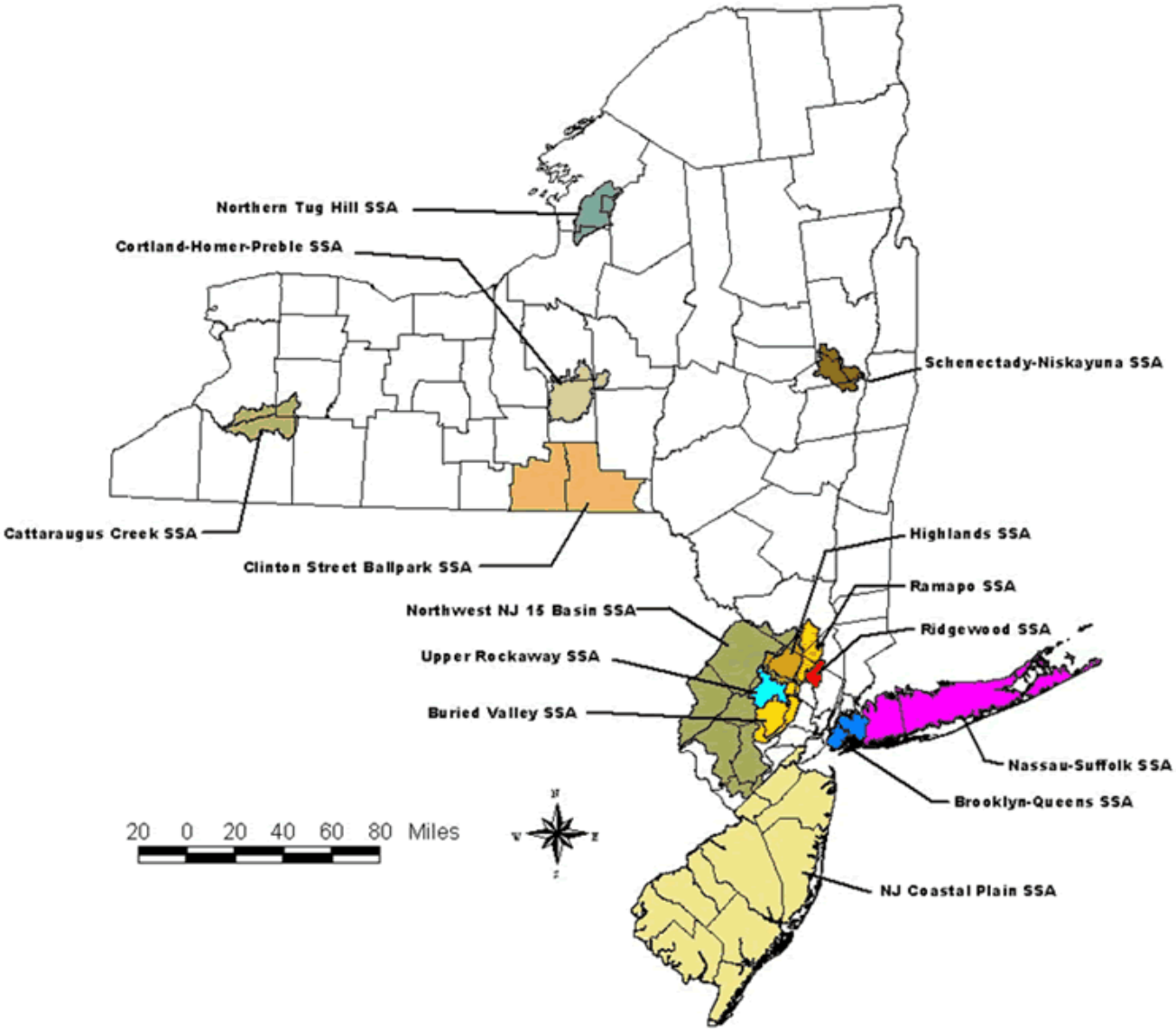
Sole Source Aquifer designation is one tool to protect drinking water supplies in areas with few or no alternative sources to the ground water resource, and where if contamination occurred, using an alternative source would be extremely expensive. The designation protects an area's ground water resource by requiring EPA to review all proposed projects within the designated area that will receive federal financial assistance. All proposed projects receiving federal funds are subject to review to ensure they do not endanger the ground water source.

**Related Information**

- Sole Source Aquifer Program
- Petitioner Guidance
- FAQs [PDF 14 KB, 2 pp]
- 40 CFR 149

EPA defines a sole or principal source aquifer as one which supplies at least fifty percent (50%) of the drinking water consumed in the area overlying the aquifer. These areas can have no alternative drinking water source(s) which could physically, legally, and economically supply all those who depend upon the aquifer for drinking water. For convenience, all designated sole or principal source aquifers are referred to as "sole source aquifers" (SSA).

If you are interested in petitioning the EPA to make a designation, please consult the Sole Source Aquifer Program Petitioner's Guidance or contact EPA for assistance.

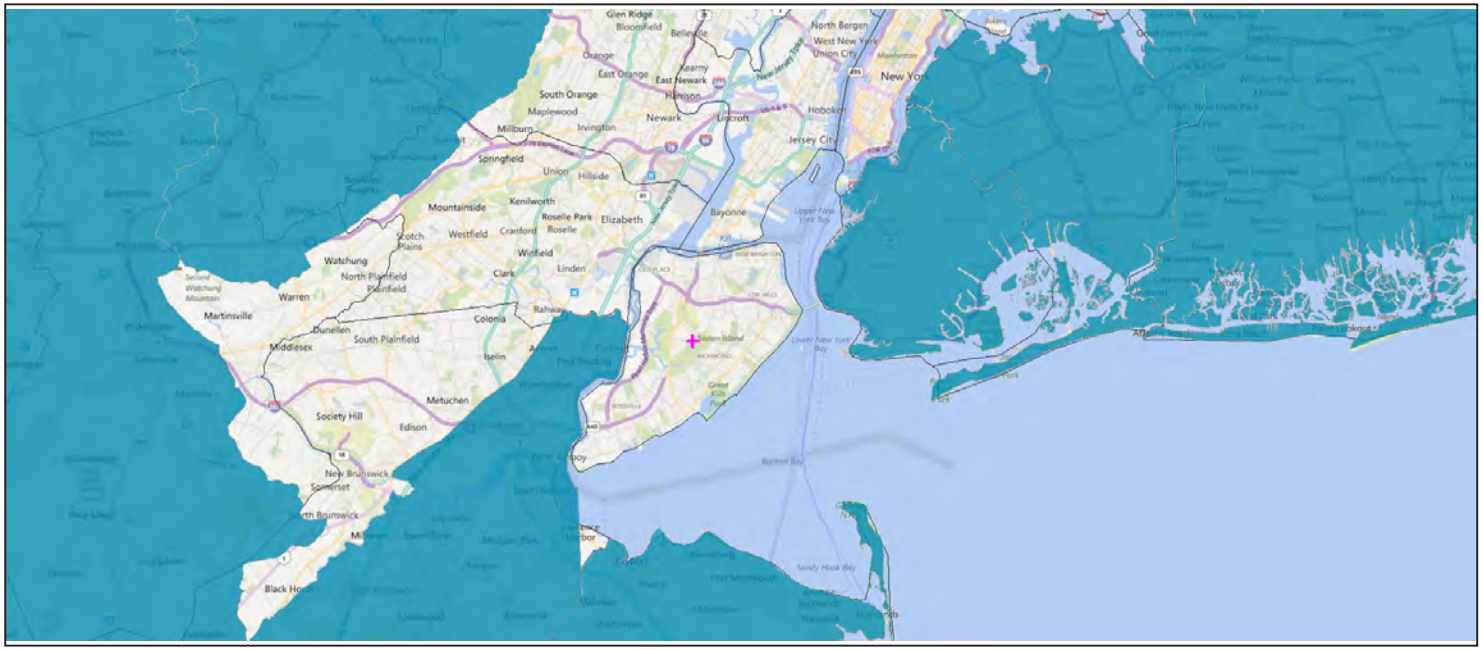



## DESIGNATED SOLE SOURCE AQUIFERS

| State | Name | Federal Register | Date | GIS Map | Information |
|---|---|---|---|---|---|
| NJ | Buried Valley Aquifers, Central Basin, Essex and Morris Counties | 45 FR 30537 | 05/08/80 | Yes | Yes |
| NJ | Upper Rockaway River Basin | 49 FR 2946 | 01/24/84 | Yes | Yes |

| | | | | | |
|---|---|---|---|---|---|
| NJ | Ridgewood Area Aquifers | 49 FR 2943 | 01/24/84 | Yes | Yes |
| NJ/NY | Highlands Aquifer System Passaic,Morris & Essex Co's NJ; Orange Co. NY | 52 FR 37213 | 10/05/87 | Yes | Yes |
| NJ/DE/PA | New Jersey Coastal Plain Aquifer System | 53 FR 23791 | 06/24/88 | Yes | Yes |
| NJ/NY | New Jersey Fifteen Basin Aquifers | 53 FR 23685 | 06/23/88 | Yes | Yes |
| NJ/NY | Ramapo River Basin Aquifer Systems | 57 FR 39201 | O8/28/92 | Yes | Yes |
| NY | Nassau/Suffolk Co., Long Island | 43 FR 26611 | 06/21/78 | Yes | Yes |
| NY | Kings/Queens Counties | 49 FR 2950 | 01/24/84 | Yes | Yes |
| NY | Schenectady/Niskayuna | 50 FR 2022 | 01/14/85 | Yes | Yes |
| NY | Clinton Street-Ballpark Valley Aquifer System, Broome and Tioga Co's | 50 FR 2025 | 01/14/85 | Yes | Yes |
| NY | Cattaraugus Creek Basin Aquifer, WY & Allegany Cos. | 52 FR 36100 | 09/25/87 | Yes | Yes |
| NY | Cortland-Homer-Preble Aquifer System | 53 FR 22045 | 06/13/88 | Yes | Yes |
| NY | Northern Tug Hill Glacial Aquifer | 71 FR 64524 | 11/02/06 | Yes | Yes |

# SOLE SOURCE AQUIFER - RICHMOND COUNTY




- Impaired Streams
- Impaired Water Bodies
- Water Bodies
- Streams
- Sole Source Aquifers
- Watersheds (HUC12)
- Wild and Scenic Rivers

Source: NEPAssist, US Environmental Protection Agency. Unknown Scale; Generated by Alyssa Cruikshank; <http://nepassisttool.epa.gov/nepassist/> (25 April 2016).

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**Project Name & SHARS No.:**

Northfield Owner-Occupied Home Rehabilitation 2015; 20153123

**Responsible Entity:**

New York State Homes & Community Renewal

**Grant Recipient:**

Northfield Community LDC of Staten Island, Inc.

**Date:**

April 25, 2016