

NSP2 Environmental Review Record Submission to HUD

GRANTEE INFO

- Grantee name: **Camden Redevelopment Agency**
- Grant Number: **B-09-CN-NJ-0008**
- Contact person: **Olivette Simpson**
- Contact Person E mail: **OlSimpso@ci.camden.nj.us**
- Contact Person Phone Number: **856-757-7600**

TA PROVIDER INFO

- TA Number: **3833**
- Status of Submission:
- Please check box that indicates status of submission:
 - Original
 - Resubmission
 - Change in Scope or nature of project, i.e. activities, number of units, conditions
- TA Provider name: **John W. Downs**
- TA Provider email: **JDowns@nationaldevelopmentcouncil.org**
- Ta Provider phone number: **919-783-0108**
- Date Grantee received comments/recommendations from TA provider on the ERR (copy attached):

PROJECT INFO

- Location of project: **Camden, New Jersey**
- Brief description of project: **This area does not have a specific project associated with it to date. This ERR is being done as part of the planning process for the Lanning Square Neighborhood.**
- Total estimated cost of project: **Not Applicable**
- Total amount of HUD NSP2 funds for project:
- Amount of HUD NSP2 funds requested for project for this submission:

TYPE OF REVIEW

- Please check a box that describes this submission:
 - Categorically Excluded Not Subject to
 - Categorically Excluded Subject To 50.4**
 - Environmental Assessment
 - Batched Review, Tiered, Neighborhood Target**

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Environmental Assessment and Compliance Findings for the Related Laws

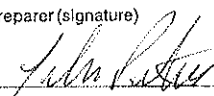
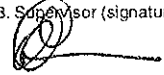
U.S. Department of Housing and Urban Development

1. Project Number	3833
HUD Program	NSP2
2. Date Received	

RMS: HI-00487R

Findings and Recommendations are to be prepared after the environmental analysis is completed. Complete items 1 through 15 as appropriate for all projects. For projects requiring an environmental assessment, also complete Parts A and B. For projects categorically excluded under 24 CFR 50.20, complete Part A. Attach notes and source documentation that support the findings.

3. Project Name and Location (Street, City, County, State) Census Tract 6003 Lanning Square Neighborhood Camden, New Jersey 08103		4. Applicant Name and Address (Street, City, State, Zip Code), and Phone Camden Redevelopment Agency Camden City Hall 520 Market Street, Suite 1300 PO Box 95120 Camden, New Jersey 08101-5120	
5. <input type="checkbox"/> Multifamily <input type="checkbox"/> Elderly <input checked="" type="checkbox"/> Other If Other, explain. Planning Process	6. Number of _____ Dwelling Units _____ Buildings _____ Stories _____ Acres 80	7. Displacement <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If Yes, explain.	
8. <input type="checkbox"/> New Construction <input type="checkbox"/> Rehabilitation <input checked="" type="checkbox"/> Other (if Other, explain) Planning Process	10. Planning Findings. Is the project in compliance or conformance with the following plans? Local Zoning <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Not Applicable Coastal Zone <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Air Quality (SIP) <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Not Applicable Explain any "No" answer: <u>Upon identification of Site Specific Projects Local Zoning Issues Will Be Addressed.</u> Are there any unresolved conflicts concerning the use of the site? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (explain): <u>See Attached Report</u>		
9. Has an environmental report (Federal, State, or local) been used in completing this form? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If Yes, identify: _____	11. Environmental Finding (check one) <input checked="" type="checkbox"/> Categorical exclusion is made in accordance with § 50.20 or <input type="checkbox"/> Environmental Assessment and a Finding of No Significant Impact (FONSI) is made in accordance with § 50.33 or <input type="checkbox"/> Environmental Assessment and a Finding of Significant Impact is made, and an Environmental Impact Statement is required in accordance with §§ 50.33(d) and 50.41.		
<input checked="" type="checkbox"/> Project is recommended for approval (List any conditions and requirements) <input type="checkbox"/> Project is recommended for rejection (State reasons)			

12. Preparer (signature) 	Date 4-4-11	13. Supervisor (signature) 	Date 4/4/2011
14. Comments by Environmental Clearance Officer (ECO) (required for projects over 200 lots/units)		By: <u>Oliveette Simpson, Director of Housing Camden Redevelopment Agency</u>	
ECO (signature) X	Date		
15. Comments (if any) by HUD Approving Official			
HUD Approving Official (signature) X	Date		

Part A. Compliance Findings for §50.4 Related Laws and Authorities

§ 50.4 Laws and Authorities	Project is in Compliance		Source Documentation and Requirements for Approval
	Yes	No	
16. Coastal Barrier Resources	✓		See Attached Report for Sourcing Information and Exhibit 2.
17. Floodplain Management (24 CFR Part 55)		✓	See Attached Report for Sourcing Information and Exhibit 3.
18. Historic Preservation (36 CFR Part 800)		✓	See Attached Report for Sourcing Information and Exhibit 4.
19. Noise Abatement (24 CFR Part 51 Subpart B)		✓	See Attached Report for Sourcing Information and Exhibit 5.
20. Hazardous Operations (24 CFR Part 51 Subpart C)		✓	See Attached Report for Sourcing Information and Exhibit 6.
21. Airport Hazards (24 CFR Part 51 Subpart D)	✓		See Attached Report for Sourcing Information and Exhibit 7.
22. Protection of Wetlands (E. O. 11990)	✓		See Attached Report for Sourcing Information and Exhibit 8.
23. Toxic Chemicals & Radioactive Materials (§ 50.3(i))		✓	See Attached Report for Sourcing Information and Exhibit 9.
24. Other § 50.4 authorities (e.g., endangered species, sole source aquifers, farmlands protection, flood, insurance, environmental justice)		✓	See Attached Report for Sourcing Information.

Part B. Environmental/Program Factors

Factors	Anticipated Impact/Deficiencies			Source Documentation and Requirements for Approval
	None	Minor	Major	
25. Unique Natural Features and Areas				
26. Site Suitability, Access, and Compatibility with Surrounding Development				
27. Soil Stability, Erosion, and Drainage				
28. Nuisances and Hazards (natural and built)				
29. Water Supply / Sanitary Sewers				
30. Solid Waste Disposal				
31. Schools, Parks, Recreation, and Social Services				
32. Emergency Health Care, Fire and Police Services				
33. Commercial / Retail and Transportation				
34. Other				

TIER 1: AREA WIDE REVIEW: LANNING SQUARE NEIGHBORHOOD

Program/project name and description:

The Lanning Square Neighborhood (Project Area) consists of abandoned buildings previously used for commercial, manufacturing or industrial purposes, or same allowed to deteriorate and become untenable; land that is owned by the Municipality, the County, the Local Housing Authority, redevelopment entity or unimproved vacant land; and properties which have experienced dilapidation, obsolescence, deleterious land use detrimental to the welfare of the community. The primary purpose of Lanning Square's redevelopment is to restore the area as a vibrant neighborhood with a strong educational facilities presence; to revitalize and complement area housing, institutions and businesses and to create new commercial, housing, open space, institutional opportunities and improved infrastructure. This redevelopment will have the result of making the Lanning Square area consistent with the revitalization in the adjacent neighborhoods of Camden Downtown, Cooper Plaza, Bergen Square and Central Waterfront within the City of Camden. The Camden Redevelopment Agency (CRA), intends to use United States Department of Housing and Urban Development (HUD) funds to provide financing assistance for the redevelopment. The project will consist of rehabilitation of existing residences and new residential development; institutional development; economic development; open space development and infrastructure development.

From: January 2008 **To:** December 2033

Definition of Area of Consideration:

The Project Area is 79.9-acres in size in North-Central section of the City of Camden, Camden County, New Jersey (**Exhibit 1**). The Project Area boundaries consist of Dr. Martin Luther King Jr. Boulevard to the North; Pine Street to the South; South Broadway to the East; and South 3rd Street to the West.

AREA-WIDE FACTORS

The following factors were determined based on published literature and sources. Also the findings were based on a limited site reconnaissance which included observations made from public right of ways.

Coastal Zone Management

Based on review of published literature and sources, the Project Area is not located within a Coastal Barrier Area (**Exhibit 2**).

Source documentation: GIS data set entitled "CBRS_Polygons", published by U.S. Fish and Wildlife Service, 4/1/2010. The data gathered from this GIS data set is depicted on Exhibit 2.



Legend

 Study Area

AERIAL MAP
Tier 1 Target Assessment
City of Camden, Camden County, New Jersey



Drawn By: EB

Scale: 1" = 500'

Project No. 04323.001.010

Chk'd By: JMP

Date: 11/24/2010


Exhibit No. 1

Source:
ArcGIS Online - Bing Maps Hybrid, 2010

Path: P:\04323\001\Y\N\Maps\Fig01_AerialMap_112410.mxd



Legend

 Study Area

Note:
There are no Coastal Barrier Resources within 40 miles of the study area.

Source:
U.S. Fish and Wildlife Service, 2010.
ArcGIS Online - Bing Maps Hybrid, 2010.

COASTAL BARRIER RESOURCES MAP
Tier 1 Target Assessment
City of Camden, Camden County, New Jersey



Drawn By: EB

Scale: 1" = 500'

Project No. 04323.001.010

Chk'd By: JMP

Date: 11/24/2010

Exhibit No. 2

Floodplain Management

Based on review of published literature and sources, the Westernmost and Northwestern sections, mainly west of South 4th Street of the Project Area contain floodplains. This floodplain is designated as Zone AE which is defined as an area inundated by 100-year flooding, for which Base Flood Elevation (BFE) has been determined. The BFE for this Flood Zone is 9 feet (**Exhibits 3 and 3a through 3c**).

Source documentation: GIS data set entitled “National Flood Hazard Layer”, published by FEMA, 7/22/2010. The Project Area appears on FIRM Panel Nos. 17, 28 and 36 of 305 for Camden County, New Jersey (all jurisdictions). The data gathered from this GIS data set is depicted on Exhibit 3 and a copy of the FEMA maps area attached as Exhibits 3a through 3c.

Historic Preservation

Research at the New Jersey Department of Environmental Protection (NJDEP) – Historic Preservation Office (SHPO) found that 33 cultural resource surveys had been conducted within a 1-mile radius of the Project Area (**Table 1**). Of these, 8 appear to have occurred within the Project Area or overlapped the Project Area’s boundaries. These studies and other efforts to identify cultural resources have resulted in the recording of 42 historic properties within a mile of the Project Area boundaries; 11 of which are situated within or adjacent to the Project Area (**Table 2** and **Exhibit 4**). The New Jersey State Museum (NJSM) has recorded a single archaeological site within 1 mile of the Project Area boundaries (**Table 3**). Four additional archaeological sites are recorded at the SHPO; however, these sites do not appear on the NJSM maps of the area.

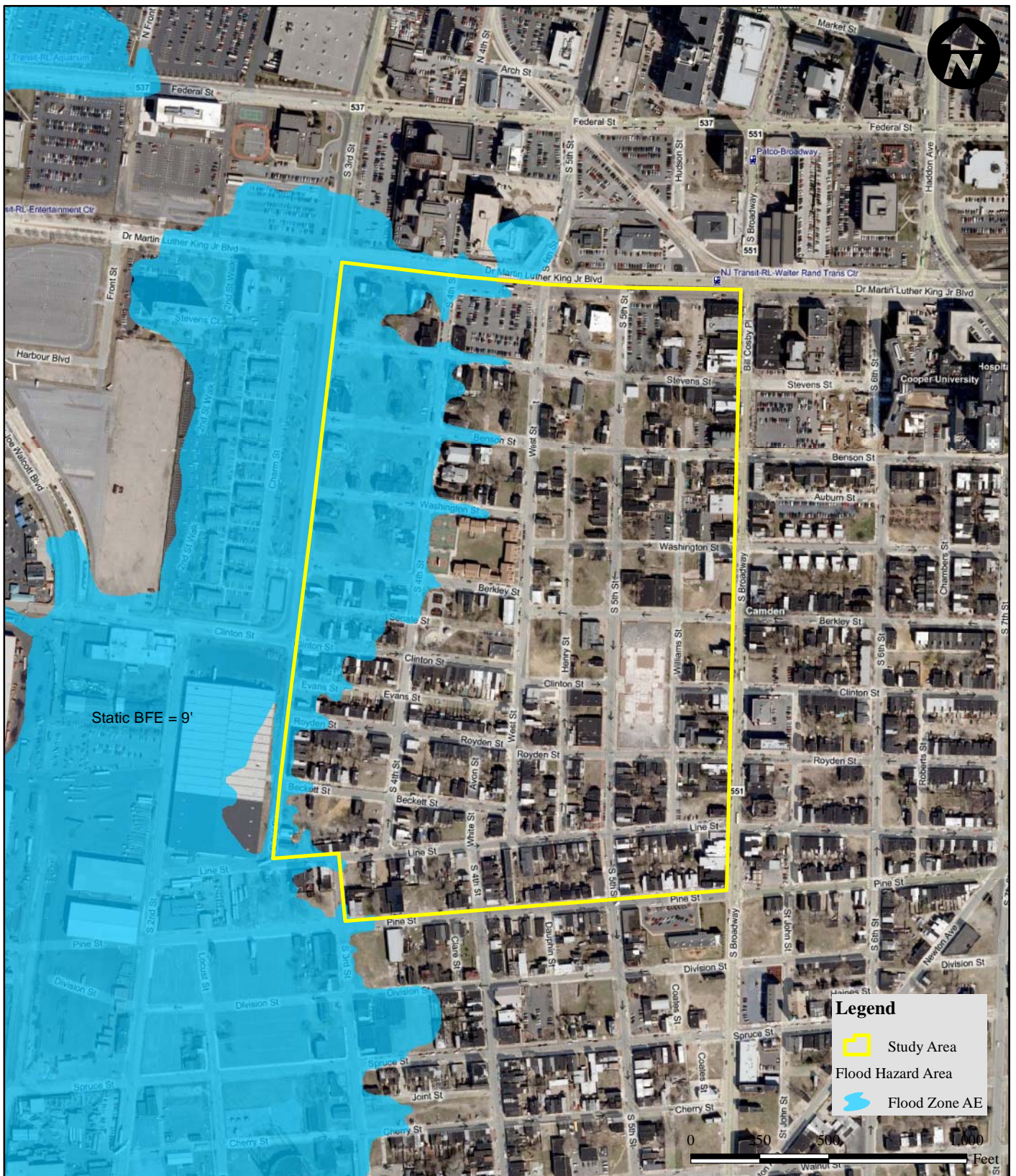
A majority of the cultural resources discussed above have either been listed on the New Jersey and National Registers of Historic Places or have been issued an Opinion of Eligibility for listing on both registers by the NJDEP-HPO, which affords them the same protected status under federal historic preservation regulations as being listed. The involvement of the HUD in funding the proposed redevelopment and the potential to affect properties listed on the National Register of Historic Places and properties which have been evaluated as eligible for listing on the National Register and the existence of such properties within the Project Area indicate that the proposed actions are an “undertaking” as defined in 36 CFR 800. The undertaking therefore falls under the jurisdiction of Section 106 of the National Historic Protection Act of 1966 (Section 106) and National Environmental Policy Act (NEPA). Section 106 and NEPA require federal agencies funding or permitting a project to take into account that project’s potential effects on historic properties (36 CFR 800).

Source Documentation: GIS data sets entitled “NJDEP Historic Districts of New Jersey, Edition 2010” and “NJDEP Historic Properties of New Jersey, Edition 2010”, published by New Jersey Department of Environmental Protection (NJDEP), Natural and Historic Resources (NHR), Historic Preservation Office (HPO), 10/6/2010.

Google Earth file downloaded from the National Register of Historic Places website: http://nrhp.focus.nps.gov/natreg/docs/Spatial_Data.html, on 11/26/2010 and this data gathered from this GIS data set is depicted on Exhibit 4. The data was last updated on 8/13/2010.

File Research and review at State Historic Preservation Office.

File Research and review at New Jersey State Museum.



FEMA FLOODPLAIN MAP Tier 1 Target Assessment City of Camden, Camden County, New Jersey



Note:
Zone AE = An area inundated by 100-year flooding, for which BFEs have been determined.
BFE = Base Flood Elevation (ft).
Vertical Datum - NAVD88.
Flood Hazard Areas shown within map view are approximate and may not reflect flood hazard elevations/limits pursuant to NJDEP NJAC 7:13-3.1.

Source:
National Flood Hazard Layer, FEMA, 2010.
ArcGIS Online - Bing Maps Hybrid, 2010.

Drawn By: EB	Scale: 1" = 500'	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/24/2010	Exhibit No. 3

LEGEND

GENERAL INFORMATION

THIS MAP IS A FLOOD INSURANCE RATE MAP (FIRM) FOR THE CITY OF CAMDEN, CAMDEN COUNTY, NEW JERSEY. IT IS A PART OF THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) AND IS SUBJECT TO THE NATIONAL FLOOD INSURANCE PROGRAM (NFIP) POLICY CONDITIONS. THIS MAP IS NOT TO BE USED FOR ANY OTHER PURPOSES.

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FIRM

FLOOD INSURANCE RATE MAP

CAMDEN COUNTY, NEW JERSEY

(ALL ADMINISTRATIONS)

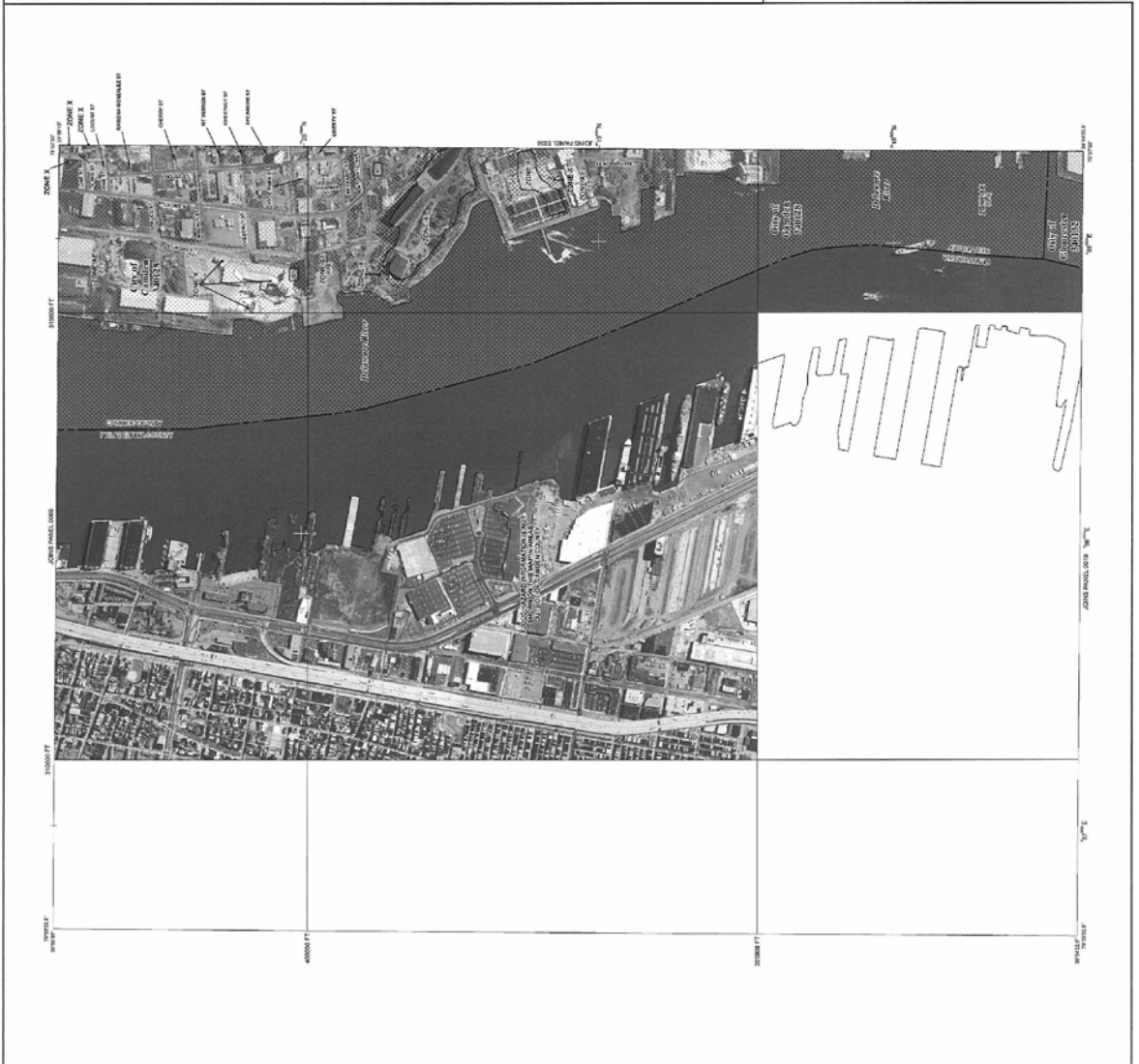
PANEL 17 OF 308

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

MAP NUMBER 34007C0017E

EFFECTIVE DATE SEPTEMBER 26, 2007

Federal Emergency Management Agency



NOTES TO USERS

This map is a Flood Insurance Rate Map (FIRM) for the City of Camden, Camden County, New Jersey. It is a part of the National Flood Insurance Program (NFIP) and is subject to the National Flood Insurance Program (NFIP) Policy Conditions. This map is not to be used for any other purposes.

The information shown on this map is based on the best data available at the time of the map's preparation. The information shown on this map is not a guarantee of accuracy and is not to be used for any other purposes.

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FEMA FLOOD INSURANCE RATE MAP - #34007C0017E

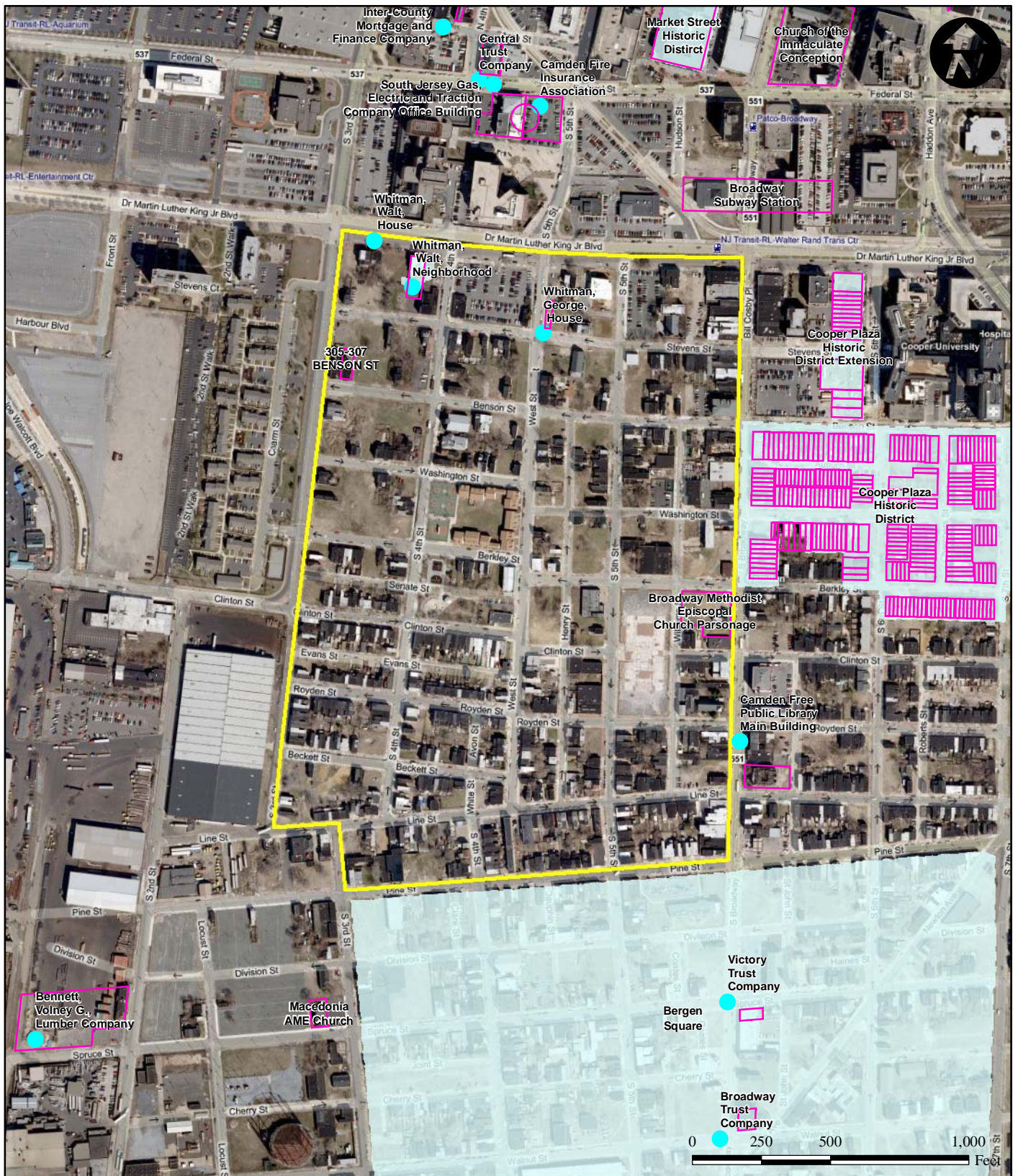
Tier 1 Target Assessment

City of Camden, Camden County, New Jersey



Drawn By: JA	Scale: N.T.S.	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/24/2010	Exhibit No. 3A

Source: FEMA Flood Insurance Rate Map, dated 9/28/2007.



Legend

- Study Area
- National Register of Historic Places Property
- State Historic Property
- State Historic District

Source:
 U.S. Department of the Interior, National Park Service, National Register of Historic Places, 2010.
 NJDEP Natural and Historic Resources (NHR), Historic Preservation Office (HPO), 2010.
 ArcGIS Online - Bing Maps Hybrid, 2010.

HISTORIC PRESERVATION MAP
 Tier 1 Target Assessment
 City of Camden, Camden County, New Jersey



Drawn By: EB	Scale: 1" = 500'	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/26/2010	Exhibit No. 4

TABLE 1
LANNING SQUARE NEIGHBORHOOD ERR - HISTORIC RESOURCES
PREVIOUSLY RECORDED HISTORIC PROPERTIES ON FILE AT NJDEP-HPO (Camden Quadrangle)

Resource No.	Description	Status	Distance from A.P.E.
87	Broadway Methodist Episcopal Church	SHPO opinion 7/6/05	Within A.P.E.
37	George Whitman House*	SR NR 10/11/90	Within A.P.E.
10	Walt Whitman House	NR 1978 National historic Landmark	Within A.P.E.
11	Walt Whitman Neighborhood	SR NR 1978	Within A.P.E.
	305-307 Benson Street	Pending**	Within A.P.E.
44	Camden Free Public Library Main Building	SR NR 1992	Adjacent (east of) A.P.E.
69	South Jersey Gas, Electric, and Traction Co. Office Building***	SR SHPO Opinion 12/5/97	Adjacent to (north of) A.P.E.
35f	Inter-County Mortgage and Finance Co.	SR NR 1990	Adjacent to (north of) A.P.E.
35g	Central Trust Company	SR NR 2004	Adjacent to (north of) A.P.E.
35h	Camden Fire Insurance Association	SR NR 1990	Adjacent to (north of) A.P.E.
70	Former U.S. Post Office	SHPO opinion 12/5/97	Adjacent to (north of) A.P.E.
67	Cooper Plaza Historic District Extension****	SHPO opinion 11/97	<1/4 mile east
21	Two Subway Station Buildings	SHPO opinion 2/4/81; DOE 5/6/83	<1/4 mile northeast
35 a	National State Bank	SR/NR	<1/2 mile north
35b	Marcoast Building	SR/NR	<1/2 mile north
35c	New Jersey Safe Deposit and Trust Co.	SR/NR	<1/2 mile north
35d	A. S. Woodruff Law Co.	SR/NR	<1/2 mile north
35e	Smith Austermuhl Insurance Co.	SR/NR	<1/2 mile north
35j	Charles S. Boyer Building	SR/NR	<1/2 mile north
35k	Finance Building	SR/NR	<1/2 mile north
35l	First Camden National Bank	SR/NR	<1/2 mile north
35m	Wilson Building	SR/NR	<1/2 mile north
35n	Camden Safe Deposit and Trust Co.	SR/NR	<1/2 mile north
31	Cooper Grant Historic District	SR/NR	ca. 1/2 mile north
61	State Street Historic District	SHPO opinion 6/20/93, 5/9/95	1 mile north
99	State Street Bridge		1 mile northeast
83	Cathedral of the Immaculate Conception	SR/NR	<1/4 mile northeast
97	800-840 Cooper Street	SHPO opinion 3/26/08	<1/2 mile northeast
76	295-306 William Stanley Ablett Village	SHPO opinion 6/26/98	<1 mile northeast
64	Cooper River Swing Span Railroad Bridge	SHPO opinion 10/08/97	<3/4 mile northeast
56	Pure Oil Company Service Station	SHPO opinion 6/15/91	1/2 mile northeast
80	Camden and Amboy Railroad Line	SHPO opinion 10/4/91	<1/4 mile northeast
71	New Jersey Battery and Armory	SHPO 10/4/91	<1/4 mile northeast
63	Kay-Evans Farm Complex	SR/NR	<1/2 mile east
96	Newton Avenue Garage	SHPO opinion, DOE	<1/2 mile southeast
86	Parkside Historic District	SHPO opinion 6/5/96	<3/4 mile southeast
84	Saint Joseph Polish Catholic Church	SR/NR	<1/2 mile southeast
35o	Victory Trust Company	SR/NR	<1/4 mile south
35p	Broadway Trust Company	SR/NR	<1/4 mile south
35q	American National Bank	SR/NR	<1/2 mile south
39	South Camden Historic District	SR/NR	<1 mile south
74	General Gas Mantle Corp. Building	SHPO opinion 9/16/98	1 mile south

NOTES:

* Reportedly burned down in 1991 (http://commons.wikimedia.org/wiki/File:George_Whitman_House_Camden_NJ.JPG).

** It is likely that NJDEP-HPO considers this resource eligible for National Register listing but has not yet issued an official opinion.

*** A note in the map margin appears to locate Prehistoric Sites 28-Ca-6, -22, -37, and -38 at this spot. This information appears to be contradicted by the State Museum's files, which do not show those sites in this location.

**** This label is incorrectly applied to a structure within the A.P.E. on the NJDEP-HPO resource map, which does not depict the location of the Cooper Plaza Historic District itself. The Cooper Plaza Historic District is located immediately east of the study area.

TABLE 2
LANNING SQUARE NEIGHBORHOOD ERR - HISTORIC RESOURCES
PREVIOUSLY RECORDED HISTORIC PROPERTIES ON FILE AT NJDEP-HPO (Philadelphia Quadrangle)

Resource No.	Description	Status	Distance from A.P.E.
13	Ben Franklin Bridge	SHPO opinion 3/25/85; DOE 3/29/83	<1 mile northwest
4	Cooper Grant Historic District	SR/NR	<3/4 mile northwest
2	Walt Whitman Poetry	SR/NR	<3/4 mile northwest
12	RCA Building 8	SHPO opinion 3/21/06	<3/4 mile northwest
7	Building 17 RCA Victor Co. Camden Plant	SHPO opinion 8/22/97 SR/NR	<3/4 mile west
3	Edward Shapp House	SR/NR	<3/4 mile west
8	RCA Victor Office	SHPO opinion 11/7/97	<3/4 mile southwest
11	Macedonia AME church	COE 4/20/94	<1 mile west
5	Volney Bennett Lumber Co.	SR/NR	1 mile southwest

TABLE 3
LANNING SQUARE NEIGHBORHOOD ERR - HISTORIC RESOURCES
PREVIOUSLY RECORDED HISTORIC PROPERTIES ON FILE AT NJDEP-HPO (Philadelphia Quadrangle)

Site Number	Site Name	Description	SR/NR Status	Distance from A.P.E.
28-Ca-103	Camden County Courthouse Site	Prehistoric lithic scatter with 19th-century artifacts	Unknown	½ mile north-northwest

Noise Abatement

Based on review of published literature and sources, there are no railroads within 3,000 feet; no civil airports within 5 miles; no military airfields within 15 miles; and no major highways within 1,000 feet of the Project Area. There are three busy roads within 1,000 feet of the Project Area: these roads serving the project area are arterial roadways—Broadway, Federal Street and Newton Avenue (**Exhibit 5**).

Source documentation: Street data was taken from GIS data set entitled "NJ_Roadway_Network_Flipped", published by New Jersey Department of Transportation (NJDOT), Bureau of Transportation Data Development (BTDD), 7/01/2010. Airport locations were taken from GIS data set entitled "StreetMap USA", published by ESRI, 2007. The data gathered from this GIS data set is depicted on Exhibit 5.

Hazardous Operations

Based on review of published literature and sources and the site reconnaissance there appears to be some facilities that can be deemed Hazardous Industrial Operations. These consist of dry cleaners and gasoline stations that are located in the Project Area (**Exhibit 6**).

Source Documentation: Observations noted during field visit, November, 2010.

Airport Hazards

Based on review of published literature and sources, there are no FAA-designated civil airports within 3,000 feet of the project and no military airfields within 2-1/2 miles of the Project Area (**Exhibit 7**).

Source documentation: Airport locations were taken from GIS data set entitled "StreetMap USA", published by ESRI, 2007. The data gathered from this GIS data set is depicted on Exhibit 7.

Wetland Protection




Based on review of published literature and sources, there are no wetlands within the Project Area (**Exhibit 8**).

Source documentation: New Jersey State wetlands were derived from GIS data set entitled "2007 Land use/Land Cover Update", published by New Jersey Department of Environmental Protection (NJDEP), May 2010. The data gathered from this GIS data set is depicted on Exhibit 8.

National Wetlands Inventory areas were taken from the "Wetlands Data - Continental US" layer, using a Web Map Service (WMS) inside the ESRI ArcGIS ArcMap environment. Data was published by U.S. Fish and Wildlife Service, 1/22/2010. The data was gathered from: <http://www.fws.gov/wetlands/Data/WebMapServices.html>. The data gathered from this GIS data set is depicted on Exhibit 8.



Legend

-  Study Area
-  Major Roadway
-  Airport

NOISE ABATEMENT MAP
 Tier 1 Target Assessment
 City of Camden, Camden County, New Jersey



Source:
 New Jersey Department of Transportation, 2010.
 ESRI StreetMap USA, 2007.
 ArcGIS Online - Bing Maps Hybrid, 2010.

Drawn By: EB

Scale: 1" = 500'

Project No. 04323.001.010

Chk'd By: JMP

Date: 11/26/2010

Exhibit No. 5



Legend

- Study Area
- Gas Station/Garage
- Parcel Designated Industrial Use

Note:
There are no aboveground storage tanks above 100 gallons the study area.

Source:
No above-ground tanks were observed during field visit, November 2010.
Gas Station/Garage designation from NJ Parcel Map, 2010.
Industrial use designation from Camden County MOD-IV Tax List Search Database, 2010, The State of NJ Division of Taxation, the Local Property Tax (LPT)/Technical Support Section, NJ Office of Information Technology (NJIT), Office of Geographic Information Systems (OGIS), 2010. ArcGIS Online - Bing Maps Hybrid, 2010.

HAZARDOUS OPERATIONS MAP

Tier 1 Target Assessment


City of Camden, Camden County, New Jersey



Drawn By: EB	Scale: 1" = 500'	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/26/2010	Exhibit No. 6



Legend

 Study Area

AIRPORT HAZARDS MAP
Tier 1 Target Assessment
City of Camden, Camden County, New Jersey



Note:
There are no FAA-regulated civilian airports within 2,500 feet nor are there military airfields within 2.8 miles of the project site.

Source:
ESRI StreetMap USA, 2007.
ArcGIS Online - Bing Maps Hybrid, 2010.

Drawn By: EB

Scale: 1" = 500'

Project No. 04323.001.010


Chk'd By: JMP

Date: 11/26/2010

Exhibit No. 7



Legend

 Study Area

Note:
There are no wetlands within the map view.

Source:
NJDEP 2007 Land use/Land cover Update, 2009.
U.S. Fish & Wildlife Service, National Wetlands
Inventory, 2010.
ArcGIS Online - Bing Maps Hybrid, 2010.

PROTECTION OF WETLANDS MAP
Tier 1 Target Assessment
City of Camden, Camden County, New Jersey



Drawn By: EB	Scale: 1" = 500'	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/26/2010	Exhibit No. 8

Toxic Chemicals & Radioactive Materials

Based on review of published literature and sources and the site reconnaissance there appears to be some facilities that can be deemed as having toxic chemicals. These findings are based on facilities observed during the site reconnaissance and the records reviews which indicated that there are several facilities within the Project Area that have been identified as being a potentially contaminated site. Although no underground storage tanks (USTs) were identified during the site reconnaissance, due to the age of the Project Area, the presence of USTs is high. This evaluation does not include a Phase I Environmental Site Assessment (Phase I ESA) or Phase II Environmental Site Assessment (Phase II ESA) nor is there knowledge that a Phase I or Phase II ESA has been completed on some or all of the properties within the Project Area (**Exhibit 9**).

Based on review of published literature and sources there are no United States Environmental Protection Agency (USEPA) National Priority or Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) sites within the Project Area. Based on the information reviewed on the USEPA Web Page there are no radiologically impacted sites in or adjacent to the Project Area.

Source documentation: Superfund Sites were taken from the “Superfund_Sites – NPL_FS” layer, using a Web Map Service (WMS) published by the U.S. EPA. The data in the WMS is entitled “National Priority List (NPL) Sites (Public Version), 2006”. The data was gathered from: <http://www.epa.gov/geospatial/help.htm>. The data gathered from this website is depicted on Exhibit 9.

Underground Storage Tank Locations were derived by running a query on the New Jersey Department of Environmental Protection (NJDEP) Data Miner’s Active Facilities with Compliant Tank Report. The report was queried on 11/26/2010. The address to the Data Miner report is: http://datamine2.state.nj.us/DEP_OPRA/OpraMain/categories?category=Underground+Storage+Tanks. Locations were then geocoded into a map using ESRI ArcGIS ArcMap program. The data gathered from this website is depicted on Exhibit 9.

Landfill locations were researched using the NJDEP Solid & Hazardous Waste website at: <http://www.state.nj.us/dep/dshw/lrm/landfill.htm>, accessed on 11/26/2010. The data gathered from this website is depicted on Exhibit 9.

NPL Radiation Sites were researched using USEPA Web Page. <http://www.epa.gov/radiation/cleanup/usa.html#nj>. The data gathered from this website is depicted on Exhibit 9.

Contaminated or potentially contaminated sites were identified on the NJDEP Web Page I-Map. http://njgin.state.nj.us/dep/DEP_iMapNJDEP/viewer.htm. The data gathered from this data set is depicted on Exhibit 9.




Endangered Species

Based on review of published literature and sources, and although this project does propose new construction, according to the United States Department of Interior website, there are no Endangered Species or Critical Habitats in the Project Area.

Source documentation: *Source documentation:* United States Department of Interior Critical Habitats Web Page <http://crithab.fws.gov/>. The data gathered from this website is attached to this document.



Legend

-  Study Area
-  NJDEP Regulated Site
-  Underground Storage Tank

TOXIC CHEMICALS & RADIOACTIVE MATERIALS MAP
 Tier 1 Target Assessment
 City of Camden, Camden County, New Jersey

Note:
 There are no sites listed on the Superfund National Priorities List within the study area.
 There are no landfills within 0.25 miles of the study area.

Source:
 Superfund site information from EPA Geodata, 2010.
 Landfill information from NJDEP Solid & Hazardous Waste website, 2010.
 UST from NJDEP Data Miner, 2010.
 NJDEP Regulated Sites from NJDEP Data Miner, 2010.
 ArcGIS Online - Bing Maps Hybrid, 2010.



Drawn By: EB	Scale: 1" = 500'	Project No. 04323.001.010
Chk'd By: JMP	Date: 11/26/2010	Exhibit No. 9

United States Department of Interior Endangered Species Web Page <http://ecos.fws.gov/ipac/wizard/chooseLocation!prepare.action>. The data gathered from this website is attached to this document.

Farmland Protection

Based on review of published literature and sources, the Project Area is zoned for Residential, Commercial and Manufacturing.

Source documentation: New Jersey Parcel Maps City of Camden Zoning Map, Division of Planning, 9/30/77. A copy of the zoning map is attached to this document.

Sole Source Aquifers

Although site specific projects have not yet been identified in the area overall the Lanning Square Master Plan calls for rehabilitation and redevelopment projects that would most likely not affect a sole source aquifer.

Source documentation: United States Department of Environmental Protection Web Page <http://www.epa.gov/region02/water/aquifer/>. A copy of the sole source aquifer map is attached to this document.

Environmental Justice

Based on review of published literature and sources, there are currently five Petitioned Environmental Justice Areas in the State of New Jersey. Of these five there is one in Camden designated as Camden Waterfront South. The Project Area is not situated within or overlap the Camden Waterfront South area. A copy of the Camden Waterfront South area is provided.

Source documentation: New Jersey Department of Environmental Protection Web Page, <http://www.state.nj.us/dep/ej/pupdate.html>. A copy of the zoning map is attached to this document.

Flood Insurance

Based on review of published literature and sources, the Westernmost and Northwestern sections, mainly west of South 4th Street of the Project Area contain floodplains. This floodplain is designated as Zone AE which is defined as an area inundated by 100-year flooding, for which Base Flood Elevation (BFE) has been determined. The BFE for this Flood Zone is 9 feet (**Exhibits 3 and 3a through 3c**).

Source documentation: GIS data set entitled “National Flood Hazard Layer”, published by FEMA, 7/22/2010. The Project Area appears on FIRM Panel Nos. 17, 28 and 36 of 305 for Camden County, New Jersey (all jurisdictions). The data gathered from this GIS data set is depicted on Exhibit 3 and a copy of the FEMA maps area attached as Exhibits 3a through 3c.

CONCLUSIONS

Based on the findings of the Tier 1 Target Area Assessment the determination is made that there are environmental factors that need to be taken into account when Site Specific Projects are identified through a Tier 2: Sited Specific Project Review.



Information, Planning, and Conservation System

Environmental Conservation Online System

[IPaC Home Page](#)
[Initial Project Scoping](#)
[Project Builder](#)
[FAQs](#)

Step 1

[Location](#)

Step 2

[Activities](#)

Step 3

[Trust resources list](#)

Step 4

[Conservation measures](#)

Natural Resources of Concern

[Back](#)
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An online Endangered Species Act species-list **IS** available on this page for your project area, represented by the office(s) listed below.

[Save or Print the Preliminary Species-list](#)

[Request an Official Species-list](#)

The Endangered Species Act species-list below is for planning purposes only -- it is not an official species-list.

To request an official species-list, click the **Request an Official Species-list** link to the right and follow the instructions.

NEW JERSEY ECOLOGICAL SERVICES FIELD OFFICE
927 NORTH MAIN STREET, BUILDING D
PLEASANTVILLE, NJ 8232
(609) 646-9310

<http://www.fws.gov/northeast/njfieldoffice/Endangered/consultation.html>

Project Counties:

Camden, NJ




Project type: Development

Endangered Species Act Species-list

There are a total of 6 species in your species-list

Species that may be affected by your project:

Flowering Plants			
(<i>Schwalbea americana</i>)	Endangered ?	species info	New Jersey Ecological Services Field Office
(<i>Nartheicum americanum</i>)	Candidate ?	species info	New Jersey Ecological Services Field Office
	Candidate	species info	New Jersey Ecological Services Field Office

(<i>Dichanthelium hirstii</i>)			
Knieskern's Beaked-rush	Threatened	species info	New Jersey Ecological Services Field Office
(<i>Rhynchospora knieskernii</i>)			
Swamp pink	Threatened	species info	New Jersey Ecological Services Field Office
(<i>Helonias bullata</i>)			
Reptiles			
bog turtle	Threatened	species info	New Jersey Ecological Services Field Office
(<i>Clemmys muhlenbergii</i>)			
Population:			
northern			

FWS [National Wildlife Refuges](#)

There are no refuges found within the vicinity of your project.

FWS [Migratory Birds](#)

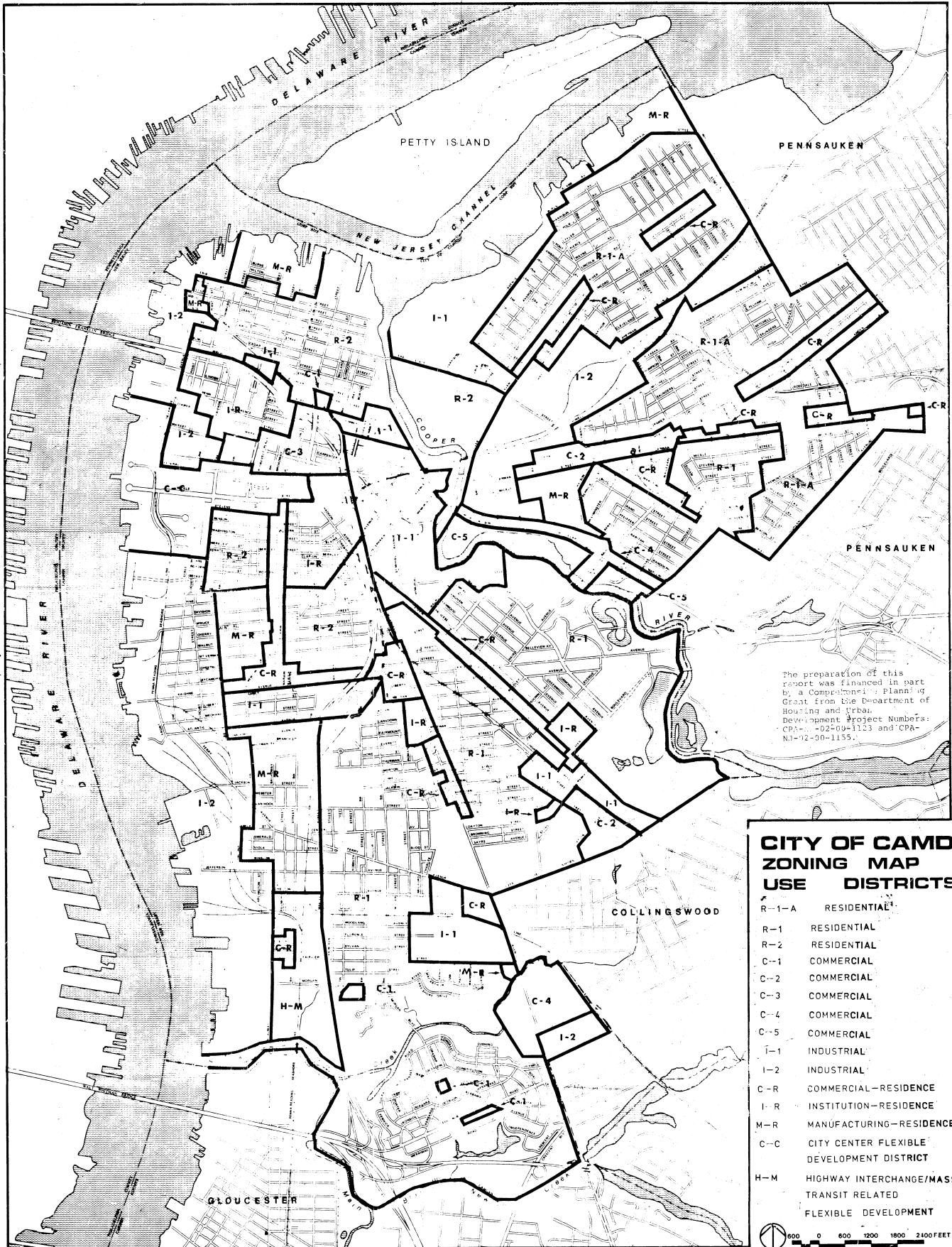
Not yet available through IPaC.

FWS [Delineated Wetlands](#)

Not yet available through IPaC.

Last updated: March 22, 2011

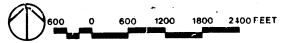
[ECOS Home](#) | [Contact Us](#)

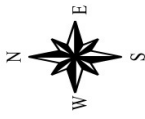


The preparation of this report was financed in part by a Comprehensive Planning Grant from the Department of Housing and Urban Development. Project Numbers: CPA-02-09-1123 and CPA-NJ-02-00-1155.

**CITY OF CAMDEN
ZONING MAP
USE DISTRICTS**

- R-1-A RESIDENTIAL
- R-1 RESIDENTIAL
- R-2 RESIDENTIAL
- C-1 COMMERCIAL
- C-2 COMMERCIAL
- C-3 COMMERCIAL
- C-4 COMMERCIAL
- C-5 COMMERCIAL
- I-1 INDUSTRIAL
- I-2 INDUSTRIAL
- C-R COMMERCIAL-RESIDENCE
- I-R INSTITUTION-RESIDENCE
- M-R MANUFACTURING-RESIDENCE
- C-C CITY CENTER FLEXIBLE DEVELOPMENT DISTRICT
- H-M HIGHWAY INTERCHANGE/MASS TRANSIT RELATED FLEXIBLE DEVELOPMENT

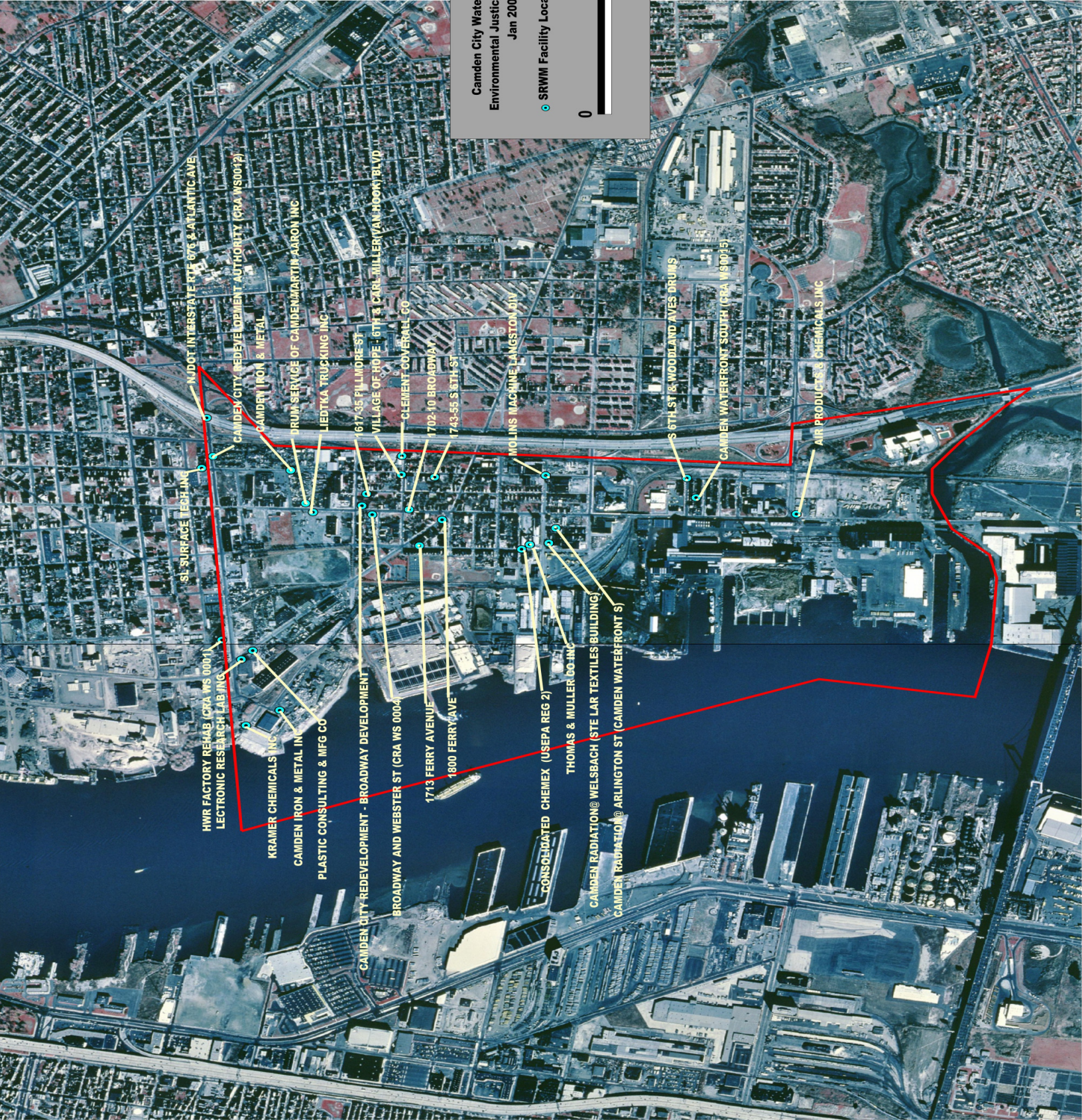




Camden City Waterfront South
Environmental Justice Petition Area
Jan 2006

SRWM Facility Locations

0 2000 Feet



Coastal Zone Management

The Project Area is not located within a Coastal Zone Management Area, therefore, no further assessment/investigation/mitigation is required.

Floodplain Management

The Westernmost and Northwestern sections, mainly west of South 4th Street of the Project Area contain Zone AE floodplains. Once Site Specific Projects are identified in this area, a further review of the nature of the project relative to the floodplain should be assessed/investigated to determine appropriate mitigation measures. Further evaluation should also be made in accordance with 24 CFR Part 55.

Historic Preservation

Compliance with Section 106 and NEPA will initially require determination of the Project Area's: Area of Potential Effect (APE); identification of potential National Register-eligible properties that might be affected by the proposed redevelopment; and consultation with various interested parties. Initial SHPO consultation, in this case, will require a Phase IA cultural resource investigation. A Phase IA study is essentially equivalent to the specified requirements for Tier II applications. As is necessary, a letter from SHPO will be obtained during the site specific reviews/Phase 1A cultural resource investigation.

Noise Abatement

There are no railroads within 3,000 feet; no civil airports within 5 miles; no military airfields within 15 miles; and no major highways within 1,000 feet of the Project Area. There are three busy roads within 1,000 feet of the Project Area: these roads serving the project area are arterial roadways—Broadway, Federal Street and Newton Avenue (Figure 5).

Once Site Specific Projects are identified in the Project Area, specifically in the areas of the Major Roadways, the determination should be made as to the applicability of a Noise Assessment in accordance with 24 CFR 51, Subpart B. Further review consisting of additional assessment/investigation, via a noise study, if necessary, will determine the need for mitigation measures.

Hazardous Operations

The findings of this Tier I Assessment has indicated the presence of Hazardous Industrial Operations. Once Site Specific Projects are identified in this area, a further review of the nature of the project relative to the Hazardous Industrial Operations should be assessed/investigated to determine appropriate mitigation measures, if necessary. Further evaluation should also be made in accordance with 24 CFR Part 51, Subpart C

Airport Hazards

There are no FAA-designated civil airports within 3,000 feet of the Project Area and no military airfields within 2-1/2 miles of the Project Area. Therefore, no further assessment/investigation/mitigation is required.

Wetland Protection

The Project Area does not contain wetlands, therefore, no further assessment/investigation/mitigation is required.

Toxic Chemicals & Radioactive Materials

The findings of this Tier I Assessment has indicated the presence of potential Toxic Chemicals within the Project Area. Once Site Specific Projects are identified in this area, a further review of the nature of the project relative to the Toxic Chemicals should be assessed/investigated to determine appropriate mitigation measures, if necessary. As previously stated, there are no Radiologically impacted sites in or adjacent to the Project Area.

Endangered Species

Although this project does propose new construction, according to the United States Department of Interior website there are no Threatened or Endangered Species or Critical Habitats in the Project Area. Therefore, no further assessment/investigation/mitigation is required.

Farmland Protection

The Project Area is zoned for Residential, Commercial and Manufacturing. Therefore, no further assessment/investigation/mitigation is required.

Sole Source Aquifers

The proposed overall nature of the projects (rehabilitation and redevelopment) that would most likely not affect a sole source aquifer. Therefore, no further assessment/investigation/mitigation is required.

Environmental Justice

The Project Area is not within an Environmental Justice Area, therefore, no further assessment/investigation/mitigation is required.

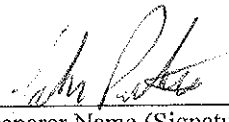
Flood Insurance

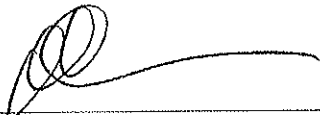
The Westernmost and Northwestern sections, mainly west of South 4th Street of the Project Area contain Zone AE floodplains. Once Site Specific Projects are identified in this area, a further review of the nature of the project relative to the floodplain should be assessed/investigated to determine appropriate mitigation measures. Further evaluation should also be made in accordance with 24 CFR Part 55.

FUTURE ACTIVITIES

Based upon the findings of this Tier I: Area Wide Review there are items which require further review. The Preparer's opinion is that a Tier II: Sites Specific Project Review be conducted as particular projects are developed within the Project Area. This Tier II process should be conducted in accordance with the Environmental Review Guide for Private NonProfit Recipients of NSP2 Grants -- 24 CFR Part 50 and the Environmental Assessment Guide for Housing Projects 1390.2. Based on the findings of this Tier I Review, the following items need to be further evaluated in the Tier II process:

- Floodplain Management;
- Historic Preservation;
- Noise Abatement;
- Hazardous Operations;
- Toxic Chemicals & Radioactive; and
- Flood Insurance

 ASSOCIATE 4-4-11
Preparer Name (Signature) and Title Date

 4-04-2011
Director of Housing, Camden Redevelopment Agency (Signature) Date
By: DWBATE Simpson



Region 2 Water

You are here: [EPA Home](#) [Region 2](#) [Water](#) [Aquifers](#)

Sole Source Aquifers

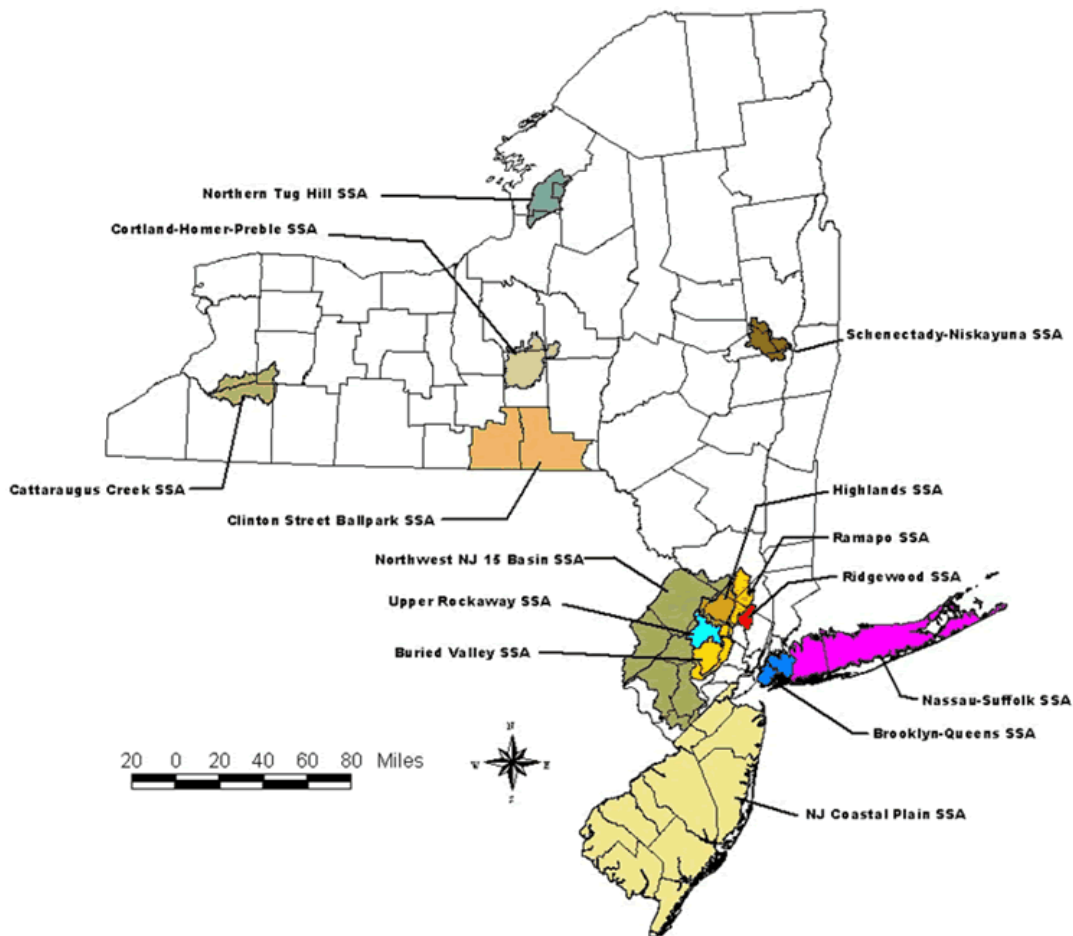
Sole Source Aquifer designation is one tool to protect drinking water supplies in areas with few or no alternative sources to the ground water resource, and where if contamination occurred, using an alternative source would be extremely expensive. The designation protects an area's ground water resource 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
- Section 1424(e) and NEPA

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
	Highlands Aquifer System Passaic, Morris & Essex Co's NJ; Orange	52 FR			

NJ/NY	Co. NY	37213	http://www.epa.gov/region02/water/aquifer/	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		08/28/92	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

**Environmental Assessment and Compliance Findings for the Related Laws
HUD Form 4128
Source Documentation
Lanning Square Neighborhood**

16. Coastal Barrier Resources:

GIS data set entitled “CBRS_Polygons”, published by U.S. Fish and Wildlife Service, 4/1/2010. The data gathered from this GIS data set is depicted on Exhibit 2.

17. Floodplain Management:

GIS data set entitled “National Flood Hazard Layer”, published by FEMA, 7/22/2010. The Project Area appears on FIRM Panel Nos. 17, 28 and 36 of 305 for Camden County, New Jersey (all jurisdictions). The data gathered from this GIS data set is depicted on Exhibit 3 and a copy of the FEMA maps area attached as Exhibits 3a through 3c.

18. Historic Preservation:

GIS data sets entitled “NJDEP Historic Districts of New Jersey, Edition 2010” and “NJDEP Historic Properties of New Jersey, Edition 2010”, published by New Jersey Department of Environmental Protection (NJDEP), Natural and Historic Resources (NHR), Historic Preservation Office (HPO), 10/6/2010.

Google Earth file downloaded from the National Register of Historic Places website: http://nrhp.focus.nps.gov/natreg/docs/Spatial_Data.html, on 11/26/2010 and this data gathered from this GIS data set is depicted on Exhibit 4. The data was last updated on 8/13/2010.

File Research and review at State Historic Preservation Office.

File Research and review at New Jersey State Museum.

19. Noise Abatement:

Street data was taken from GIS data set entitled “NJ_Roadway_Network_Flipped”, published by New Jersey Department of Transportation (NJDOT), Bureau of Transportation Data Development (BTDD), 7/01/2010. Airport locations were taken from GIS data set entitled “StreetMap USA”, published by ESRI, 2007. The data gathered from this GIS data set is depicted on Exhibit 5.

20. Hazardous Operations:

Observations noted during field visit, November, 2010.

21. Airport Hazards:

Airport locations were taken from GIS data set entitled “StreetMap USA”, published by ESRI, 2007. The data gathered from this GIS data set is depicted on Exhibit 7.

22. Protection of Wetlands:

New Jersey State wetlands were derived from GIS data set entitled “2007 Land use/Land Cover Update”, published by New Jersey Department of Environmental Protection (NJDEP), May 2010. The data gathered from this GIS data set is depicted on Exhibit 8.

National Wetlands Inventory areas were taken from the “Wetlands Data - Continental US” layer, using a Web Map Service (WMS) inside the ESRI ArcGIS ArcMap environment. Data was published by U.S. Fish and Wildlife Service, 1/22/2010. The data was gathered from: <http://www.fws.gov/wetlands/Data/WebMapServices.html>. The data gathered from this GIS data set is depicted on Exhibit 8.

23. Toxic Chemicals and Radioactive Materials:

Superfund Sites were taken from the “Superfund_Sites – NPL_FS” layer, using a Web Map Service (WMS) published by the U.S. EPA. The data in the WMS is entitled “National Priority List (NPL) Sites (Public Version), 2006”. The data was gathered from: <http://www.epa.gov/geospatial/help.htm>. The data gathered from this website is depicted on Exhibit 9.

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Contaminated or potentially contaminated sites were identified on the NJDEP Web Page I-Map. http://njgin.state.nj.us/dep/DEP_iMapNJDEP/viewer.htm. The data gathered from this data set is depicted on Exhibit 9.

24. Other § 50.4 authorities

Endangered Species

Source documentation: United States Department of Interior Critical Habitats Web Page <http://crithab.fws.gov/>. The data gathered from this website is attached to this document.

United States Department of Interior Endangered Species Web Page <http://ecos.fws.gov/ipac/wizard/chooseLocation!prepare.action>. The data gathered from this website is attached to this document.

Farmland Protection

Source documentation: New Jersey Parcel Maps City of Camden Zoning Map, Division of Planning, 9/30/77. A copy of the zoning map is attached to this document.

Sole Source Aquifers

Source documentation: United States Department of Environmental Protection Web Page <http://www.epa.gov/region02/water/aquifer/>. A copy of the sole source aquifer map is attached to this document.

Environmental Justice

Source documentation: New Jersey Department of Environmental Protection Web Page, <http://www.state.nj.us/dep/ej/pupdate.html>. A copy of the zoning map is attached to this document.

Flood Insurance

Source documentation: GIS data set entitled “National Flood Hazard Layer”, published by FEMA, 7/22/2010. The Project Area appears on FIRM Panel Nos. 17, 28 and 36 of 305 for Camden County, New Jersey (all jurisdictions). The data gathered from this GIS data set is depicted on Exhibit 3 and a copy of the FEMA maps area attached as Exhibits 3a through 3c.