U.S. Department of Housing and Urban Development
451 Seventh Street, SW
Washington, DC 20410
www.hud.gov
espanol.hud.gov

Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: **Sidewalk Installation – Liberty Street**

Responsible Entity: **City of New Bern**

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: **North Carolina**

Preparer: **Sue Steinhauser, Community Development Coordinator**

Certifying Officer Name and Title: Dana E. Outlaw, Mayor

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable):

Direct Comments to: **Sue Steinhauser**
Community Development Coordinator
City of New Bern
P.O. Box 1129
New Bern, NC 28563-1129

Phone: (252) 639-7586
Fax: (252) 636-2146
Email: steinhausers@newbern-nc.org

Project Location: **Liberty Street, New Bern** (Site map Attachment A)

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:**

Installation of ADA accessible sidewalk.

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

There are few sidewalks along the streets in this predominantly low income neighborhood, so pedestrians are forced to walk on the grass or in the street, creating a safety hazard for themselves and for motor vehicles. Due to the proximity of a low income senior housing apartment building, there are a number of individuals with motorized wheelchairs who traverse these streets.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The streets in this residential neighborhood are paved, but there are few sidewalks. The neighborhood is part of the City's Gateway District, which is a predominantly minority, low-income area that the City is seeking to revitalize.

Funding Information

Grant Number	HUD Program	Funding Amount
B-14-MC-37-0024	CDBG	$263,375

Estimated Total HUD Funded Amount: **$10,000**

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

$10,000

Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	Project is not construction of a building.
Coastal Barrier Resources Coastal Barrier Resources Act, as amended by the Coastal Barrier Improvement Act of 1990 [16 USC 3501]	Yes ☐ No ☒	There are no Coastal Barrier Resources in the area. (Attachment B)
Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☐ No ☒	Project is not construction of a building.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 & 58.5		
Clean Air Clean Air Act, as amended, particularly section 176(c) & (d); 40 CFR Parts 6, 51, 93	Yes ☐ No ☒	Project is not a Complex (Transportation) Source or Stationary Source
Coastal Zone Management Coastal Zone Management Act, sections 307(c) & (d)	Yes ☒ No ☐	Craven County is a Coastal County. Consistency Review letter is attached (Attachment C)
Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☐ No ☒	There are no Federally recorded contaminated sites on or near the project. Map attached. 2010 inventory of potential Brownfields sites is attached. (Attachment D)
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	FWS Letter- (Attachment E)

Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	Project meets the ASD from identified ASTs. (Attachment F)
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	Project site is in an urbanized area. (Attachment G)
Floodplain Management Executive Order 11988, particularly section 2(a); 24 CFR Part 55	Yes ☐ No ☒	Map# 3720548900J Panel # 5489 Effective July 2, 2004 Map (Attachment H)
Historic Preservation National Historic Preservation Act of 1966, particularly sections 106 and 110; 36 CFR Part 800	Yes ☐ No ☒	See attached SHPO and Catawba Indian Nation letters (Attachment I). No response received from Cherokee or Tuscarora tribes.
Noise Abatement and Control Noise Control Act of 1972, as amended by the Quiet Communities Act of 1978; 24 CFR Part 51 Subpart B	Yes ☐ No ☒	Project is not construction of a building
Sole Source Aquifers Safe Drinking Water Act of 1974, as amended, particularly section 1424(e); 40 CFR Part 149	Yes ☐ No ☒	There are no sole source aquifers in North Carolina. (Attachment J) www.epa.gov/safewater/sourcewater/pubs/reg4.pdf
Wetlands Protection Executive Order 11990, particularly sections 2 and 5	Yes ☐ No ☒	Wetlands map attached. (Attachment K) Project area was reviewed by staff. No Jurisdictional Wetlands were identified.
Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	There are no Wild and Scenic Rivers in Craven County. (Attachment L)
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	This project will have no disproportional effects on low income or minority populations. (Attachment M)

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

(1) Minor beneficial impact
(2) No impact anticipated
(3) Minor Adverse Impact – May require mitigation
(4) Significant or potentially significant impact requiring avoidance or modification which may require an Environmental Impact Statement

Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	The project is compatible with local plans. Minor beneficial impact in that the streets will now include a sidewalk. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Soil Suitability/ Slope/ Erosion/ Drainage/ Storm Water Runoff	2	The project will not impact soil suitability, slope, erosion, drainage, or storm water runoff. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Hazards and Nuisances including Site Safety and Noise	1	The project will reduce hazards including site safety. It will have short term construction noise, however, after completion, it will not impact noise levels. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Energy Consumption	2	The project will not impact energy consumption in the area. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*

Environmental Assessment Factor	Impact Code	Impact Evaluation
SOCIOECONOMIC		
Employment and Income Patterns	2	The project will not impact employment and income patterns of the area. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Demographic Character Changes, Displacement	2	The project will not affect the demographics of the area or cause displacement. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*

Environmental Assessment Factor	Impact Code	Impact Evaluation
COMMUNITY FACILITIES AND SERVICES		
Educational and Cultural Facilities	2	The project will have no adverse affect on local educational or cultural facilities. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Commercial Facilities	2	There are no commercial facilities in the project area. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Health Care and Social Services	2	The project will not impact health care or social services. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Solid Waste Disposal / Recycling	2	The project will not impact solid waste disposal/recycling. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Waste Water / Sanitary Sewers	2	The project will not impact waste water and sanitary sewers. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Water Supply	2	The project will not impact the city's water supply. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Public Safety - Police, Fire and Emergency Medical	1	The project will increase pedestrian and motor vehicle safety in the area. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Parks, Open Space and Recreation	2	The project will not impact parks, open space and recreation. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Transportation and Accessibility	1	The project will increase accessibility and safety in the area. It will not impact transportation. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*

Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	No unique features or water resources will be affected. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Vegetation, Wildlife	2	The project will not adversely impact vegetation or wildlife. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Other Factors		

Additional Studies Performed:

Field Inspection (Date and completed by): Field inspection conducted on April 21, 2015 by Sue Steinhauser, Community Development Coordinator.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

City of New Bern Development Services Department
City of New Bern Public Works Department

List of Permits Obtained:

None

Public Outreach [24 CFR 50.23 & 58.43]:

None

Cumulative Impact Analysis [24 CFR 58.32]:

There will be no cumulative negative impact to the area.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

None

No Action Alternative [24 CFR 58.40(e)]: Taking no action will result in pedestrians having no where but the street or unpaved surfaces on which to walk. No ADA accessibility will be available and the unsafe conditions will continue.

Summary of Findings and Conclusions: Installation of sidewalks

There will be no significant impact on the environment or the people.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure

Determination:

☒ **Finding of No Significant Impact** [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.

Preparer Signature: Sue Steinhauser Date: June 2, 2015

Name/Title/Organization: Sue Steinhauser, Community Development Coordinator, City of New Bern

Certifying Officer Signature: Date: June 2, 2015

Name/Title: Dana E. Outlaw, Mayor

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Map Legend

- PARCEL HOOKS
- Recorded Survey Lot#s
- Parcels

Sidewalk Projects - Liberty, Bryan, Church Streets

Craven County does NOT warrant the information shown on this map and should be used ONLY for tax assessment purposes.

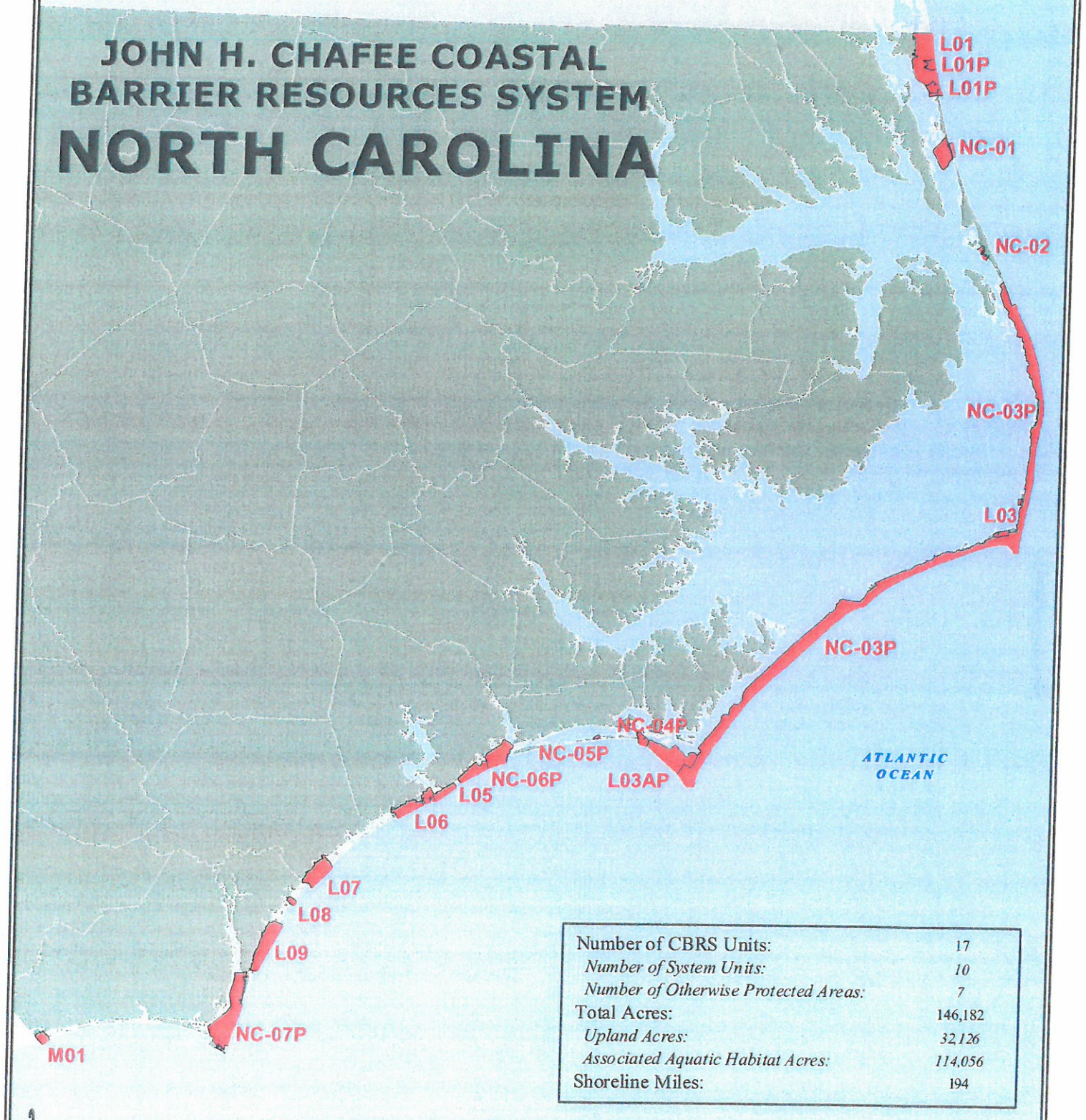
1 inch equals 316 feet

N

Attachment A

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

NORTH CAROLINA



Number of CBRS Units:	17
Number of System Units:	*10*
Number of Otherwise Protected Areas:	*7*
Total Acres:	146,182
Upland Acres:	*32,126*
Associated Aquatic Habitat Acres:	*114,056*
Shoreline Miles:	194

Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at http://www.fws.gov/habitatconservation/coastal_barrier.html.

Aldermen

Dallas O. Blackiston
Victor J. Taylor
Patricia C. Schaible
Johnnie Ray Kinsey
Bernard W. White
Jeffrey T. Odham

NEW BERN
CITY OF NEW BERN
300 Pollock Street, P.O. Box 1129
New Bern, NC 28563-1129
(252) 636-4000

Dana E. Outlaw
Mayor

Mark A. Stephens
City Manager

Attachment C

June 3, 2015

Mr. Douglas Huggett
Federal Consistency Coordinator
NC Division of Coastal Management
400 Commerce Avenue
Morehead City, NC 28557-3421

Dear Mr. Huggett:

This letter is written to request concurrence from DCM of the City of New Bern consistency determination regarding a proposed project to install ADA accessible sidewalks in an area of New Bern with funding from HUD's Community Development Block Grant (CDBG) program.

The project consists of installing ADA accessible sidewalks along Bryan Street, Church Street and Liberty Street. No sidewalks currently exist in these locations. (Attachment 1 is a location map).

Pursuant to Section 307(c)(1) of the Federal Coastal Zone Management Act of 1972 as amended, the City of New Bern, as the agency providing CDBG funds to undertake this project, has determined that the proposed project is consistent to the maximum extent practicable with the enforceable policies of North Carolina's Federally approved coastal management program.

This determination is based on review of the proposed project's conformance with North Carolina's coastal program policies, which are primarily found in chapter 7 of Title 15A of North Carolina's Administrative Code, and the New Bern, River Bend and Trent Woods Regional Land Use Plan. The attached Environmental Assessment is submitted to document the determination. (Attachment 2)

The City of New Bern is requesting acknowledgement of the DCM's concurrence with this consistency determination.

If you have any questions or need additional information, please contact me at (252) 639-7586 or steinhausers@newbern-nc.org. Thank you for your attention to this matter.

Sincerely,

Sue Steinhauser
Community Development Coordinator

Attachments

Map Legend

- PARCEL HOOKS
- Recorded Survey Lot#s
- Parcels

Sidewalk Projects - Liberty, Bryan, Church Streets

Craven County does NOT warrant the information shown on this map and should be used ONLY for tax assessment purposes.

1 inch equals 316 feet

N

Attachment A

U.S. Department of Housing and Urban Development
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Environmental Assessment
Determinations and Compliance Findings for HUD-assisted Projects
24 CFR Part 58

Project Information

Project Name: **Sidewalk Installation – Liberty Street**

Responsible Entity: **City of New Bern**

Grant Recipient (if different than Responsible Entity):

State/Local Identifier: **North Carolina**

Preparer: **Sue Steinhauser, Community Development Coordinator**

Certifying Officer Name and Title: Dana E. Outlaw, Mayor

Grant Recipient (if different than Responsible Entity):

Consultant (if applicable):

Direct Comments to:

Sue Steinhauser
Community Development Coordinator
City of New Bern
P.O. Box 1129
New Bern, NC 28563-1129

Phone: (252) 639-7586
Fax: (252) 636-2146
Email: steinhausers@newbern-nc.org

Project Location: **Liberty Street, New Bern** (Site map Attachment A)

Description of the Proposed Project [24 CFR 50.12 & 58.32; 40 CFR 1508.25]**:**

Installation of ADA accessible sidewalk.

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

There are few sidewalks along the streets in this predominantly low income neighborhood, so pedestrians are forced to walk on the grass or in the street, creating a safety hazard for themselves and for motor vehicles. Due to the proximity of a low income senior housing apartment building, there are a number of individuals with motorized wheelchairs who traverse these streets.

Existing Conditions and Trends [24 CFR 58.40(a)]:

The streets in this residential neighborhood are paved, but there are few sidewalks. The neighborhood is part of the City's Gateway District, which is a predominantly minority, low-income area that the City is seeking to revitalize.

Funding Information

Grant Number	HUD Program	Funding Amount
B-14-MC-37-0024	CDBG	$263,375

Estimated Total HUD Funded Amount: **$10,000**

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

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Compliance with 24 CFR 50.4, 58.5, and 58.6 Laws and Authorities

Record below the compliance or conformance determinations for each statute, executive order, or regulation. Provide credible, traceable, and supportive source documentation for each authority. Where applicable, complete the necessary reviews or consultations and obtain or note applicable permits of approvals. Clearly note citations, dates/names/titles of contacts, and page references. Attach additional documentation as appropriate.

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §58.5 and §58.6	Are formal compliance steps or mitigation required?	Compliance determinations
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR 50.4 and 58.6		
Airport Hazards 24 CFR Part 51 Subpart D	Yes ☐ No ☒	Project is not construction of a building.
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Flood Insurance Flood Disaster Protection Act of 1973 and National Flood Insurance Reform Act of 1994 [42 USC 4001-4128 and 42 USC 5154a]	Yes ☐ No ☒	Project is not construction of a building.
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Contamination and Toxic Substances 24 CFR Part 50.3(i) & 58.5(i)(2)	Yes ☐ No ☒	There are no Federally recorded contaminated sites on or near the project. Map attached. 2010 inventory of potential Brownfields sites is attached. (Attachment D)
Endangered Species Endangered Species Act of 1973, particularly section 7; 50 CFR Part 402	Yes ☐ No ☒	FWS Letter- (Attachment E)

Explosive and Flammable Hazards 24 CFR Part 51 Subpart C	Yes ☐ No ☒	Project meets the ASD from identified ASTs. (Attachment F)
Farmlands Protection Farmland Protection Policy Act of 1981, particularly sections 1504(b) and 1541; 7 CFR Part 658	Yes ☐ No ☒	Project site is in an urbanized area. (Attachment G)
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Wild and Scenic Rivers Wild and Scenic Rivers Act of 1968, particularly section 7(b) and (c)	Yes ☐ No ☒	There are no Wild and Scenic Rivers in Craven County. (Attachment L)
ENVIRONMENTAL JUSTICE		
Environmental Justice Executive Order 12898	Yes ☐ No ☒	This project will have no disproportional effects on low income or minority populations. (Attachment M)

Environmental Assessment Factors [24 CFR 58.40; Ref. 40 CFR 1508.8 &1508.27] Recorded below is the qualitative and quantitative significance of the effects of the proposal on the character, features and resources of the project area. Each factor has been evaluated and documented, as appropriate and in proportion to its relevance to the proposed action. Verifiable source documentation has been provided and described in support of each determination, as appropriate. Credible, traceable and supportive source documentation for each authority has been provided. Where applicable, the necessary reviews or consultations have been completed and applicable permits of approvals have been obtained or noted. Citations, dates/names/titles of contacts, and page references are clear. Additional documentation is attached, as appropriate. **All conditions, attenuation or mitigation measures have been clearly identified.**

Impact Codes: Use an impact code from the following list to make the determination of impact for each factor.

(1) Minor beneficial impact
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Environmental Assessment Factor	Impact Code	Impact Evaluation
LAND DEVELOPMENT		
Conformance with Plans / Compatible Land Use and Zoning / Scale and Urban Design	1	The project is compatible with local plans. Minor beneficial impact in that the streets will now include a sidewalk. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
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Environmental Assessment Factor	Impact Code	Impact Evaluation
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Environmental Assessment Factor	Impact Code	Impact Evaluation
NATURAL FEATURES		
Unique Natural Features, Water Resources	2	No unique features or water resources will be affected. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Vegetation, Wildlife	2	The project will not adversely impact vegetation or wildlife. *Evaluation: Sue Steinhauser, C.D. Coordinator, 4/21/2015*
Other Factors		

Additional Studies Performed:

Field Inspection (Date and completed by): Field inspection conducted on April 21, 2015 by Sue Steinhauser, Community Development Coordinator.

List of Sources, Agencies and Persons Consulted [40 CFR 1508.9(b)]:

City of New Bern Development Services Department
City of New Bern Public Works Department

List of Permits Obtained:

None

Public Outreach [24 CFR 50.23 & 58.43]:

None

Cumulative Impact Analysis [24 CFR 58.32]:

There will be no cumulative negative impact to the area.

Alternatives [24 CFR 58.40(e); 40 CFR 1508.9]

None

No Action Alternative [24 CFR 58.40(e)]: Taking no action will result in pedestrians having no where but the street or unpaved surfaces on which to walk. No ADA accessibility will be available and the unsafe conditions will continue.

Summary of Findings and Conclusions: Installation of sidewalks

There will be no significant impact on the environment or the people.

Mitigation Measures and Conditions [40 CFR 1505.2(c)]

Summarize below all mitigation measures adopted by the Responsible Entity to reduce, avoid, or eliminate adverse environmental impacts and to avoid non-compliance or non-conformance with the above-listed authorities and factors. These measures/conditions must be incorporated into project contracts, development agreements, and other relevant documents. The staff responsible for implementing and monitoring mitigation measures should be clearly identified in the mitigation plan.

Law, Authority, or Factor	Mitigation Measure

Determination:

☒ **Finding of No Significant Impact** [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.

Preparer Signature: Sue Steinhauser Date: June 2, 2015

Name/Title/Organization: Sue Steinhauser, Community Development Coordinator, City of New Bern

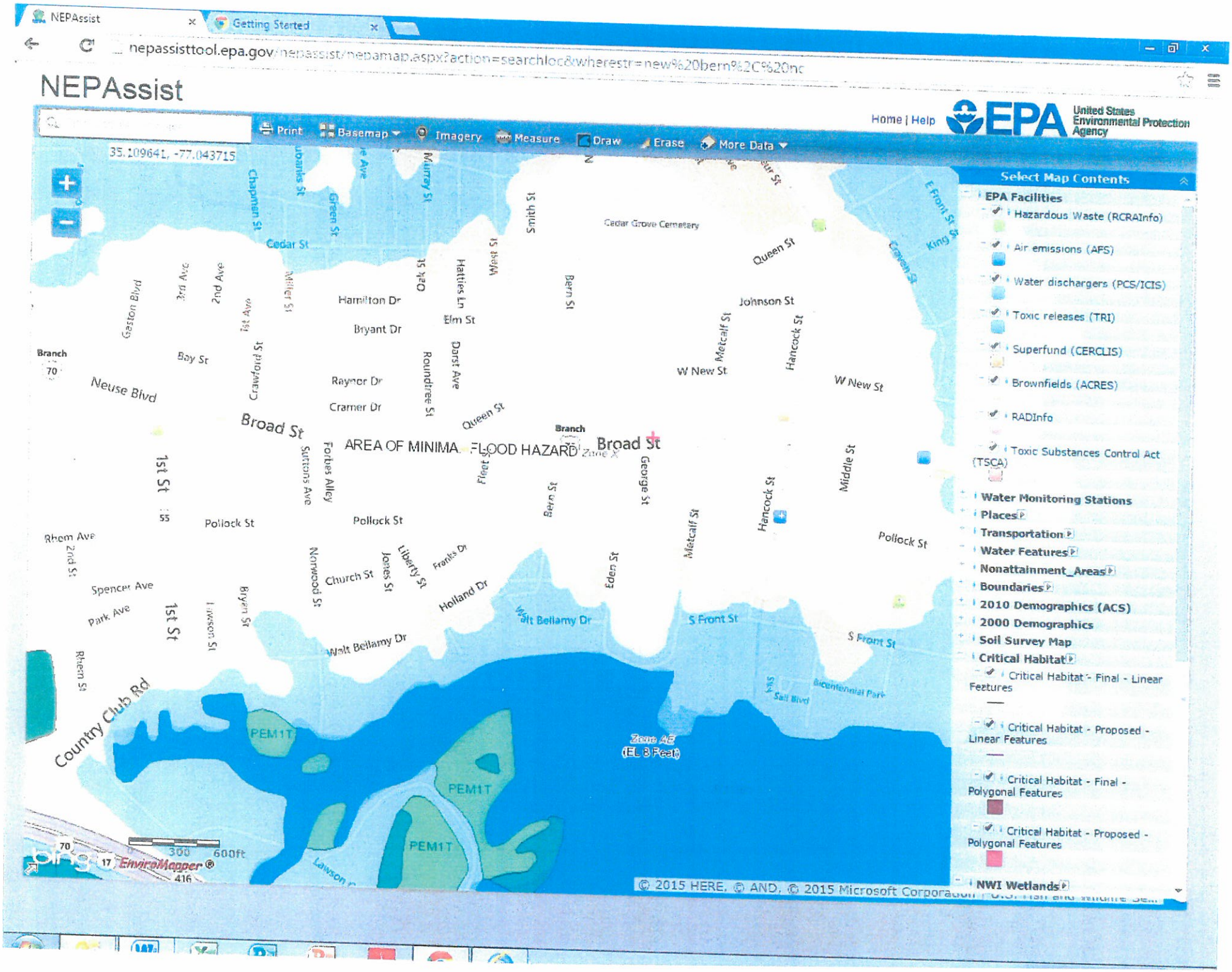
Certifying Officer Signature: Dana E. Outlaw Date: June 2, 2015

Name/Title: Dana E. Outlaw, Mayor

This original, signed document and related supporting material must be retained on file by the Responsible Entity in an Environmental Review Record (ERR) for the activity/project (ref: 24 CFR Part 58.38) and in accordance with recordkeeping requirements for the HUD program(s).

Attachment D

amec AMEC Earth & Environmental 2200 Gateway Centre Blvd., Suite 205 Morrisville, NC 27560 (919) 447-2750	DATE: September 29, 2010 SCALE: 1" = 1,000'	CLIENT: City of New Bern North Carolina	TITLE: Potential Brownfield Property Index	Figure 1


NEPAssist
Getting Started
nepassisttool.epa.gov/nepassist/nepamap.aspx?action=searchloc&wherestr=new%20bern%2C%20nc
NEPAssist
Print
Basemap
Imagery
Measure
Draw
Erase
More Data
Home | Help
EPA United States Environmental Protection Agency
35.109641, -77.043715
Select Map Contents
EPA Facilities
Hazardous Waste (RCRAInfo)
Air emissions (AFS)
Water dischargers (PCS/ICIS)
Toxic releases (TRI)
Superfund (CERCLIS)
Brownfields (ACRES)
RADInfo
Toxic Substances Control Act (TSCA)
Water Monitoring Stations
Places
Transportation
Water Features
Nonattainment_Areas
Boundaries
2010 Demographics (ACS)
2000 Demographics
Soil Survey Map
Critical Habitat
Critical Habitat - Final - Linear Features
Critical Habitat - Proposed - Linear Features
Critical Habitat - Final - Polygonal Features
Critical Habitat - Proposed - Polygonal Features
NWI Wetlands
Cedar Grove Cemetery
Broad St
AREA OF MINIMAL FLOOD HAZARD
Zone X
Zone AE (EL 8 Feet)
Country Club Rd
Neuse Blvd
Walt Bellamy Dr
S Front St
Pollock St
W New St
Johnson St
Queen St
Hamilton Dr
Bryant Dr
Elm St
Raynor Dr
Cramer Dr
Pollock St
Church St
Holland Dr
Spencer Ave
Park Ave
Rhem Ave
Bay St
Cedar St
Bicentennial Park
PEM1T
300
600ft
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Attachment E

United States Department of the Interior

FISH AND WILDLIFE SERVICE
Raleigh ES Field Office
Post Office Box 33726
Raleigh, North Carolina 27636-3726

May 1, 2015

Sue Steinhauser
City of New Bern
PO Box 1129
New Bern, NC 28563

Re: CDBG Sidewalks- Craven County, NC

Dear Ms. Steinhauser:

This letter is to inform you that a list of all federally-protected endangered and threatened species with known occurrences in North Carolina is now available on the U.S. Fish and Wildlife Service's (Service) web page at http://www.fws.gov/raleigh. Therefore, if you have projects that occur within the Raleigh Field Office's area of responsibility (see attached county list), you no longer need to contact the Raleigh Field Office for a list of federally-protected species.

Our web page contains a complete and frequently updated list of all endangered and threatened species protected by the provisions of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531 et seq.)(Act), and a list of federal species of concern[1] that are known to occur in each county in North Carolina.

Section 7 of the Act requires that all federal agencies (or their designated non-federal representative), in consultation with the Service, insure that any action federally authorized, funded, or carried out by such agencies is not likely to jeopardize the continued existence of any federally-listed endangered or threatened species. A biological assessment or evaluation may be prepared to fulfill that requirement and in determining whether additional consultation with the Service is necessary. In addition to the federally-protected species list, information on the species' life histories and habitats and information on completing a biological assessment or evaluation and can be found on our web page at http://www.fws.gov/raleigh. Please check the web site often for updated information or changes.

---

[1] The term "federal species of concern" refers to those species which the Service believes might be in need of concentrated conservation actions. Federal species of concern receive no legal protection and their designation does not necessarily imply that the species will eventually be proposed for listing as a federally endangered or threatened species. However, we recommend that all practicable measures be taken to avoid or minimize adverse impacts to federal species of concern.

If your project contains suitable habitat for any of the federally-listed species known to be present within the county where your project occurs, the proposed action has the potential to adversely affect those species. As such, we recommend that surveys be conducted to determine the species' presence or absence within the project area. The use of North Carolina Natural Heritage program data should not be substituted for actual field surveys.

If you determine that the proposed action may affect (i.e., likely to adversely affect or not likely to adversely affect) a federally-protected species, you should notify this office with your determination, the results of your surveys, survey methodologies, and an analysis of the effects of the action on listed species, including consideration of direct, indirect, and cumulative effects, before conducting any activities that might affect the species. If you determine that the proposed action will have no effect (i.e., no beneficial or adverse, direct or indirect effect) on federally listed species, then you are not required to contact our office for concurrence (unless an Environmental Impact Statement is prepared). However, you should maintain a complete record of the assessment, including steps leading to your determination of effect, the qualified personnel conducting the assessment, habitat conditions, site photographs, and any other related articles.

With regard to the above-referenced project, we offer the following remarks. Our comments are submitted pursuant to, and in accordance with, provisions of the Endangered Species Act.

Based on the information provided and other information available, it appears that the proposed action is not likely to adversely affect any federally-listed endangered or threatened species, their formally designated critical habitat, or species currently proposed for listing under the Act at these sites. We believe that the requirements of section 7(a)(2) of the Act have been satisfied for your project. Please remember that obligations under section 7 consultation must be reconsidered if: (1) new information reveals impacts of this identified action that may affect listed species or critical habitat in a manner not previously considered; (2) this action is subsequently modified in a manner that was not considered in this review; or, (3) a new species is listed or critical habitat determined that may be affected by the identified action.

However, the Service is concerned about the potential impacts the proposed action might have on aquatic species. Aquatic resources are highly susceptible to sedimentation. Therefore, we recommend that all practicable measures be taken to avoid adverse impacts to aquatic species, including implementing directional boring methods and stringent sediment and erosion control measures. An erosion and sedimentation control plan should be submitted to and approved by the North Carolina Division of Land Resources, Land Quality Section prior to construction. Erosion and sedimentation controls should be installed and maintained between the construction site and any nearby down-gradient surface waters. In addition, we recommend maintaining natural, vegetated buffers on all streams and creeks adjacent to the project site.

The North Carolina Wildlife Resources Commission has developed a Guidance Memorandum (a copy can be found on our website at (http://www.fws.gov/raleigh) to address and mitigate secondary and cumulative impacts to aquatic and terrestrial wildlife resources and water quality. We recommend that you consider this document in the development of your projects and in completing an initiation package for consultation (if necessary).

We hope you find our web page useful and informative and that following the process described above will reduce the time required, and eliminate the need, for general correspondence for species' lists. If you have any questions or comments, please contact John Ellis of this office at (919) 856-4520 ext. 26.

Sincerely,

Pete Benjamin
Field Supervisor

CarolinaEast Medical Center (Distance to project is approximately 3,060 feet)

Liquid Oxygen

https://www.hudexchange.info/environmental-review/asd-calculator/ ASD Calculator - HUD Exch...

File Edit View Favorites Tools Help

proposed HUD-assisted projects near stationary hazards. Additional guidance on ASDS is available in the Department's guidebook "Siting of HUD- Assisted Projects Near Hazardous Facilities" and the regulation 24 CFR Part 51, Subpart C, Siting of HUD-Assisted Projects Near Hazardous Operations Handling Conventional Fuels or Chemicals of an Explosive or Flammable Nature.

Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: ☐
Is the container under pressure?	Yes: ☑ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☑ No: ☐
Is the container diked?	Yes: ☐ No: ☑
What is the volume (gal) of the container?	30000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	
ASD for Thermal Radiation for People (ASDPPU)	1140.69
ASD for Thermal Radiation for Buildings (ASDBPU)	242.26
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options

Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field.

Related Information

- ASD User Guide
- ASD Flow Chart

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#2 Diesel Fuel

https://www.hudexchange.info/environmental-review/asd-calculator/ | ASD Calculator - HUD Exch...

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: ☐
Is the container under pressure?	Yes: ☑ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☑
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	12000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	498.06
ASD for Thermal Radiation for People (ASDPPU)	778.73
ASD for Thermal Radiation for Buildings (ASDBPU)	156.60
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options

Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field.

Related Information

- ASD User Guide
- ASD Flow Chart

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Affordable Housing | News Feed | Ask a Policy Question | About Us

#2 Diesel Fuel

https://www.hudexchange.info/environmental-review/asd-calculator/ ASD Calculator - HUD Exch...

File Edit View Favorites Tools Help

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: ☐
Is the container under pressure?	Yes: ☑ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☑
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	5000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	372.89
ASD for Thermal Radiation for People (ASDPPU)	540.74
ASD for Thermal Radiation for Buildings (ASDBPU)	105.61
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options

Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field

Related Information

- ASD User Guide
- ASD Flow Chart

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Ask a Policy Question

Website Information
About Us

Gasoline

https://www.hudexchange.info/environmental-review/asd-calculator/

ASD Calculator - HUD Exch...

File Edit View Favorites Tools Help

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: ☐
Is the container under pressure?	Yes: ☑ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☑
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	800
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	209.45
ASD for Thermal Radiation for People (ASDPPU)	252.02
ASD for Thermal Radiation for Buildings (ASDBPU)	45.35
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options

Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field.

Related Information

- ASD User Guide
- ASD Flow Chart

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Website Information
About Us

http://gis.cravencountync.gov/maps/map.htm

Craven Maps

File Edit View Favorites Tools Help

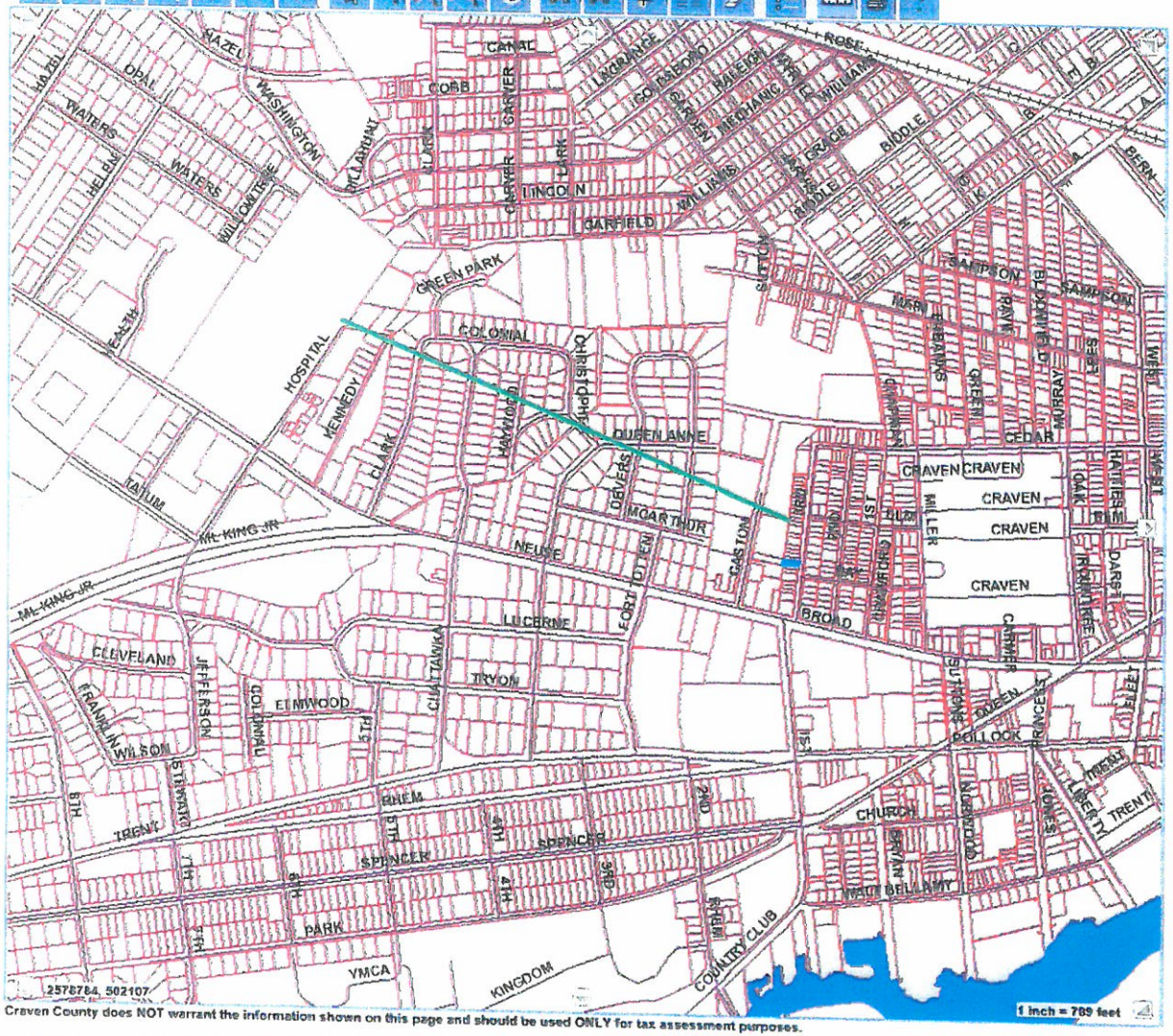
Website data was last updated: 5/26/2015

Craven County GIS

Public GIS website 4.2 Please e-mail comments, suggestions, etc. to hvalente@cravencountync.gov

Taxes billed and taxes due are now available via Tax Info tab

County Home | GIS Home | Maps | Downloads | Parcel Inquiry | Register of Deeds | Help



Craven County does NOT warrant the information shown on this page and should be used ONLY for tax assessment purposes.

Measure Tools

- Use the mouse cursor to draw a line on the map
- Click once to start your line
- Click once for each subsequent point
- Double click to end the drawing
- When the drawing is finished the GIS will calculate the length and display the results below.

The length of your line is:

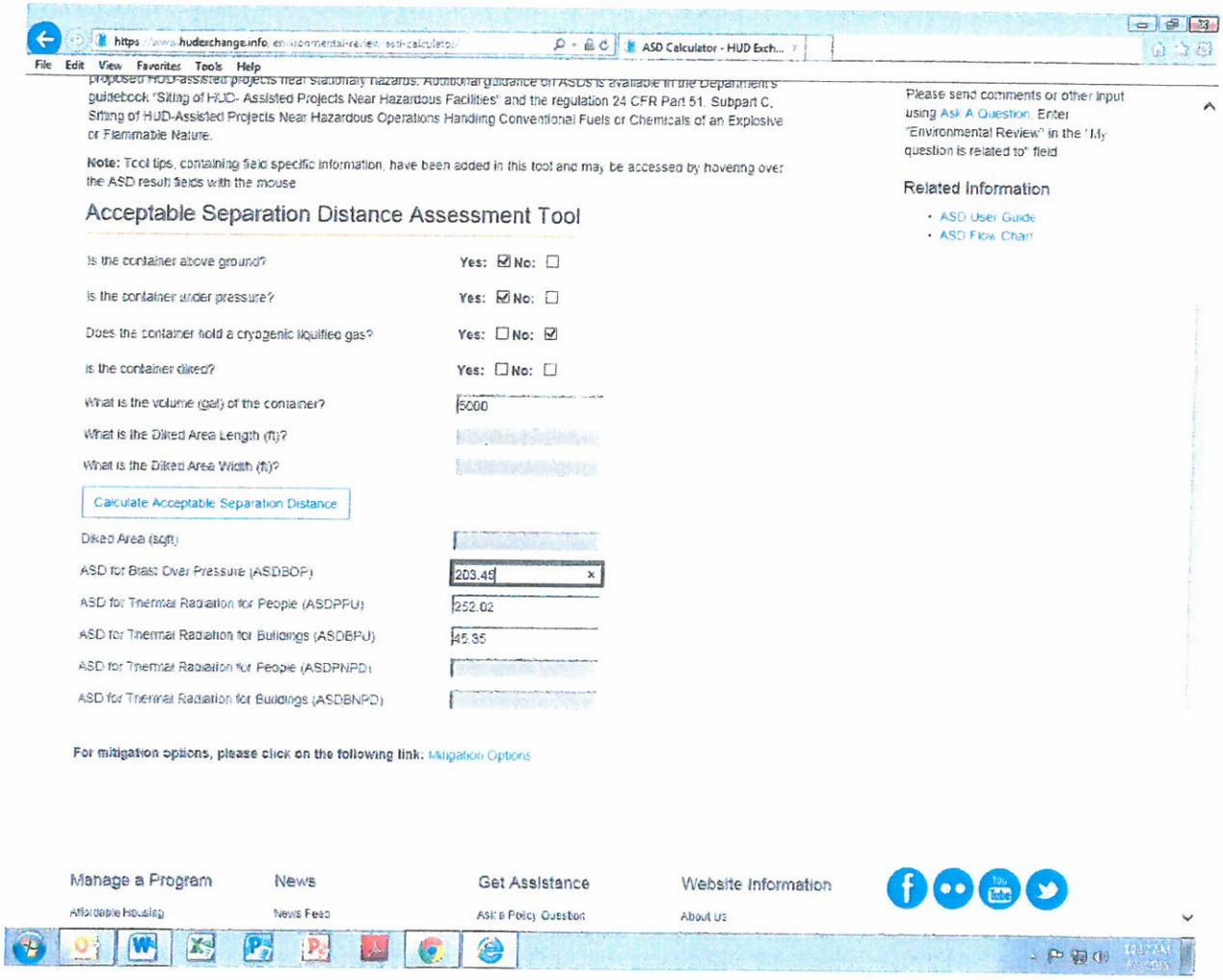
- 3061.299 feet
- 1020.433 yards
- 933.696 meters
- 0.58 miles

Craven County does not warrant the information provided by this tool

3:44 PM
5/26/2015

Outback Steakhouse (Distance to project is approximately 4,200 feet)

Propane



File Edit View Favorites Tools Help

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Note: Tool tips, containing field specific information, have been added in this tool and may be accessed by hovering over the ASD result fields with the mouse.

Acceptable Separation Distance Assessment Tool

Is the container above ground?	Yes: ☑ No: ☐
Is the container under pressure?	Yes: ☑ No: ☐
Does the container hold a cryogenic liquified gas?	Yes: ☐ No: ☑
Is the container diked?	Yes: ☐ No: ☐
What is the volume (gal) of the container?	5000
What is the Diked Area Length (ft)?	
What is the Diked Area Width (ft)?	

Calculate Acceptable Separation Distance

Diked Area (sqft)	
ASD for Blast Over Pressure (ASDBOP)	203.49
ASD for Thermal Radiation for People (ASDPPU)	252.02
ASD for Thermal Radiation for Buildings (ASDBPU)	45.35
ASD for Thermal Radiation for People (ASDPNPD)	
ASD for Thermal Radiation for Buildings (ASDBNPD)	

For mitigation options, please click on the following link: Mitigation Options

Please send comments or other input using Ask A Question. Enter "Environmental Review" in the "My question is related to" field.

Related Information

- ASD User Guide
- ASD Flow Chart

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Website Information — About Us

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Craven Maps

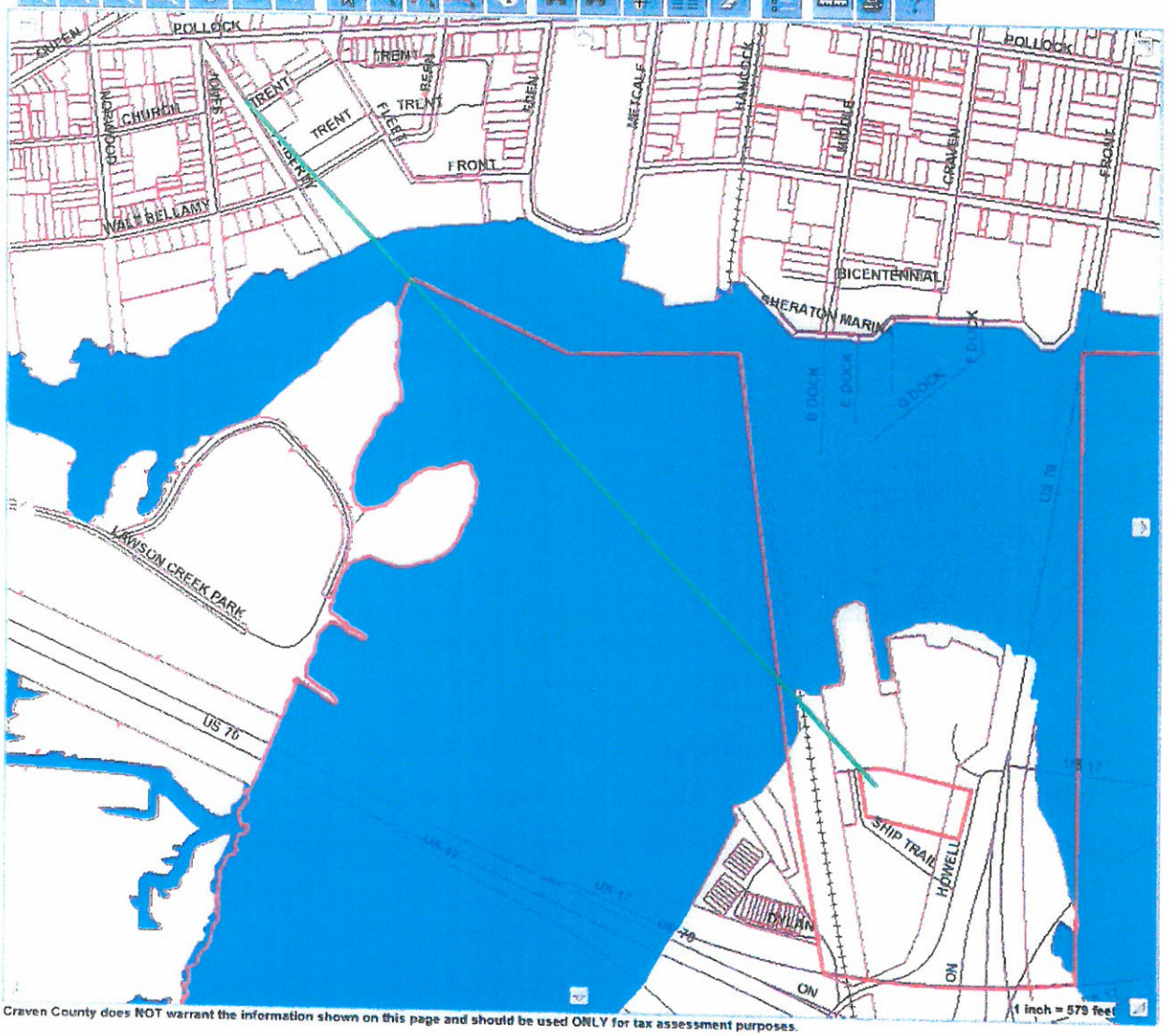
Website data was last updated 6/3/2015

Craven County GIS

Public GIS website 4.2 Please e-mail comments, suggestions, etc. to n.stent@cravencountync.gov

Taxes billed and taxes due are now available via Tax Info tab.

County Home | GIS Home | Maps | Downloads | Public Inquiry | Register of Deeds | Help



Craven County does NOT warrant the information shown on this page and should be used ONLY for tax assessment purposes.

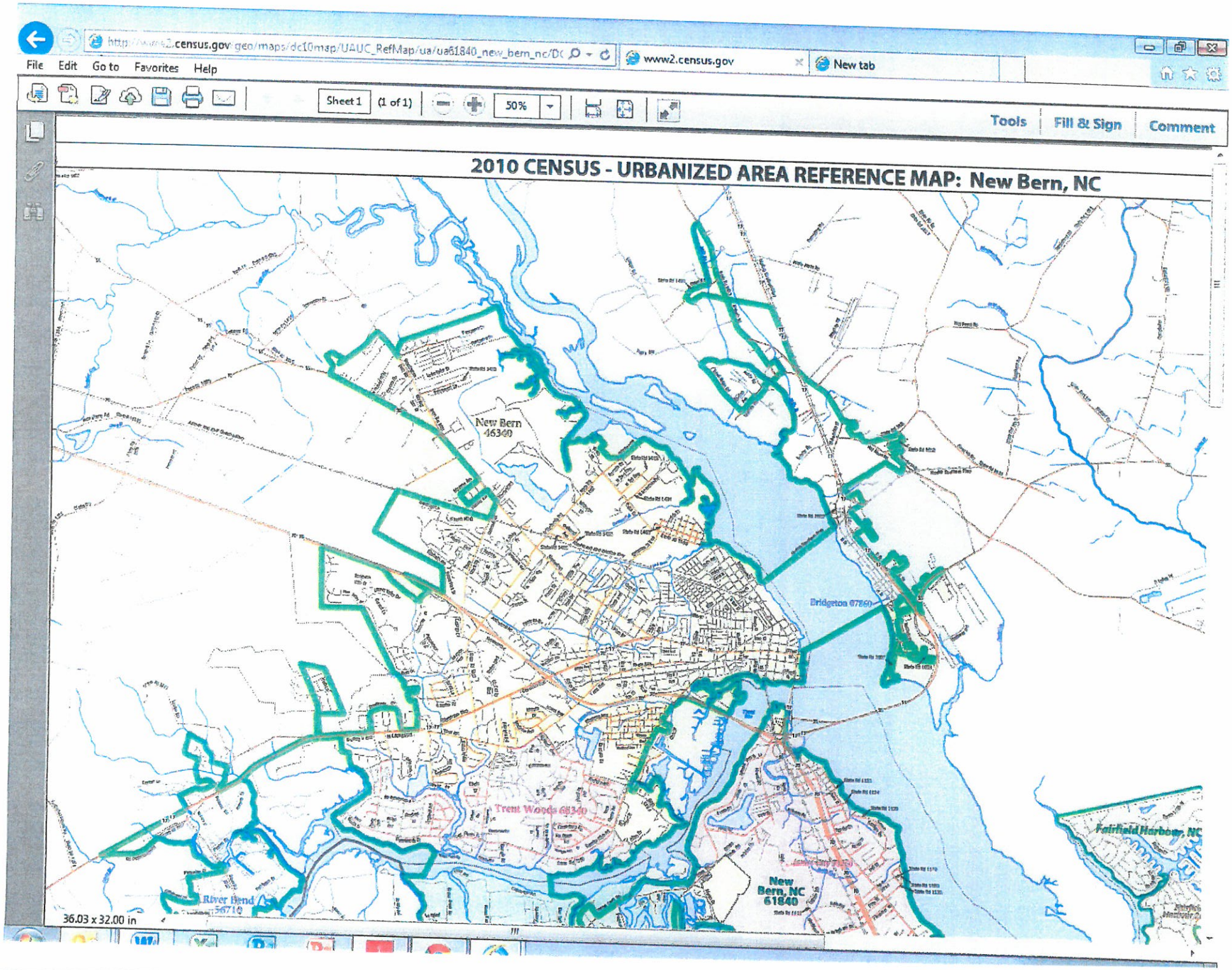
Measure Tools

- Use the mouse cursor to draw a line on the map
- Click once to start your line
- Click once for each subsequent point
- Double click to end the drawing
- When the drawing is finished the GIS will calculate the length and display the results below.

The length of your line is:

- 4259.86 feet
- 1419.953 yards
- 1299.257 meters
- 0.807 miles

Craven County does not warrant the information provided by this tool


2010 CENSUS - URBANIZED AREA REFERENCE MAP: New Bern, NC
New Bern 46300
Bridgeton 07860
Trent Woods 68340
River Bend 56710
New Bern, NC 61840
Fairfield Harbour, NC
36.03 x 32.00 in

Attachment H

CDBG Sidewalk Improvement Project

4/1/2015

Legend

- Panels
- Political Areas
- Stream Centerline
- Cross Sections
- Levee

Flood Hazard Areas

- AE
- Floodway (AE)
- 0.2 % Chance Annual Flood Hazard
- Future Conditions 1% Annual Chance Flood Hazard

North Carolina
Floodplain Mapping Program

Attachment I

North Carolina Department of Cultural Resources

State Historic Preservation Office

Ramona M. Bartos, Administrator

Governor Pat McCrory
Secretary Susan Kluttz

Office of Archives and History
Deputy Secretary Kevin Cherry

May 6, 2015

Sue Steinhauser
City of New Bern
PO Box 1129
New Bern, NC 28563

steinhausers@newbern-nc.org

Re: Sidewalk Installation on Bryan Street, Church Street, & Liberty Street, New Bern, Craven County, ER 15-0933

Dear Ms. Steinhauser:

Thank you for your email of April 22, 2015, concerning the above-referenced undertaking. We have reviewed the materials submitted and offer the following comments.

There are no known archaeological sites within the proposed project area. Based on our knowledge of the area, it is unlikely that any archaeological resources that may be eligible for inclusion in the National Register of Historic Places will be affected by the project. We, therefore, recommend that no archaeological investigation be conducted in connection with this project.

We understand the City of New Bern would like to construct ADA accessible sidewalks in the following locations throughout the city.

Bryan Street (from Walt Bellamy Drive to Queen Street)
As your letter stated, the National Register-listed St. Johns Missionary Baptist Church (CV1901) which is located on the corner of Bryan Street and Walt Bellamy Drive, stands adjacent to the project area. However, we feel the installation of an ADA sidewalk will not adversely affect the historic property, due to the significant setback of the church from Bryan Street.

Church Street (from Bryan Street to Jones Street)
There are no historic properties present or within view of the project area. Although many properties along Church Street have been surveyed, we have no comment regarding the installation of a sidewalk in this area.

Liberty Street (from Pollock Street to Franks Drive)
Work will occur within the boundaries of the New Bern Local Historic District (CV0028) and just outside the boundaries of the National Register-listed New Bern Historic District Boundary Expansion (CV2307). However, we feel the installation of an ADA sidewalk will not adversely affect the historic properties, due to the significant setbacks of contributing elements from Liberty Street.

As your letter states, a Certificate of Appropriateness should be obtained from the Historic Preservation Commission prior to performing work within the New Bern Local Historic District .

Any change to the project Scope of Work will subject to further environmental review.

The above comments are made pursuant to Section 106 of the National Historic Preservation Act and the Advisory Council on Historic Preservation's Regulations for Compliance with Section 106 codified at 36 CFR Part 800.

Thank you for your cooperation and consideration. If you have questions concerning the above comment, contact Renee Gledhill-Earley, environmental review coordinator, at 919-807-6579 or environmental.review@ncdcr.gov. In all future communication concerning this project, please cite the above referenced tracking number.

Sincerely,

Renee Gledhill-Earley

for Ramona M. Bartos

tawba Indian Nation
bal Historic Preservation Office
36 Tom Steven Road
ck Hill, South Carolina 29730

ice 803-328-2427
(803-328-5791

April 30, 2015

Attention: Sue Steinhauser
City of New Bern
P.O. Box 1129
New Bern, NC 28563-1129

Re. THPO #	TCNS #	Project Description
2015-667-2		*Sidewalk Installation for the purpose of providing ADA accessible sidewalks*

Ms. Steinhauser,

The Catawba have no immediate concerns with regard to traditional cultural properties, sacred sites or Native American archaeological sites within the boundaries of the proposed project areas. **However, the Catawba are to be notified if Native American artifacts and / or human remains are located during the ground disturbance phase of this project.**

If you have questions please contact Caitlin Totherow at 803-328-2427 ext. 226, or e-mail caitlinh@ccppcrafts.com.

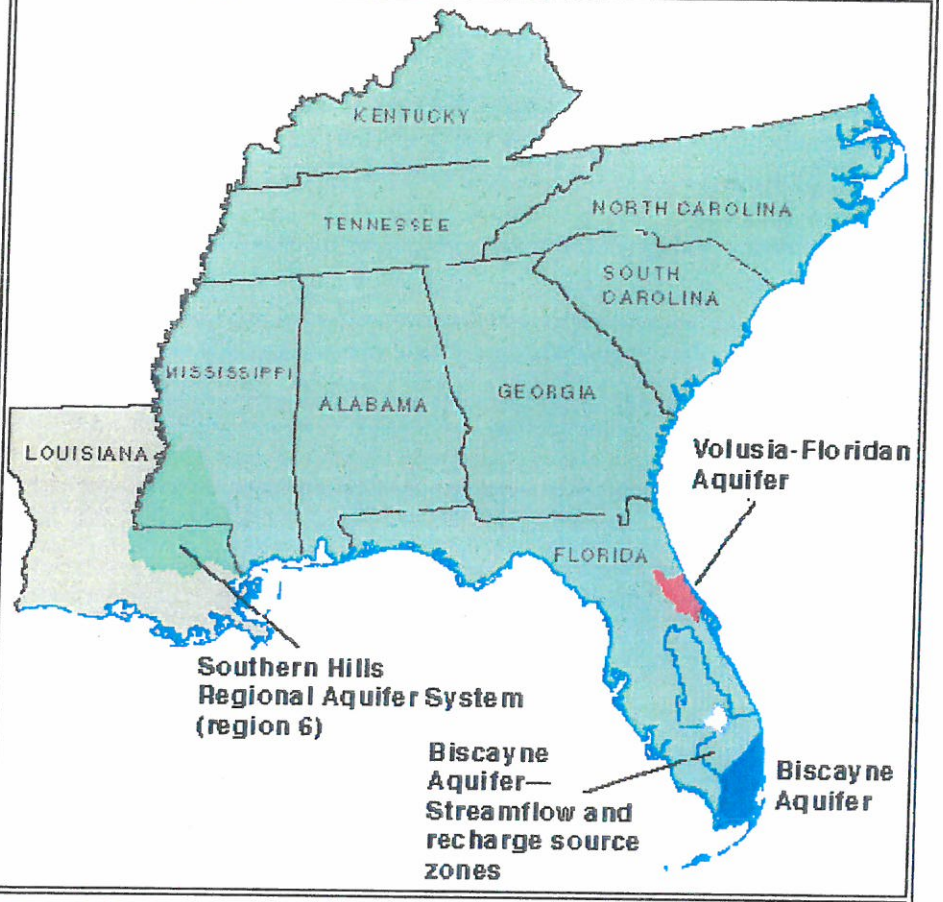
Sincerely,

Caitlin Totherow for

Wenonah G. Haire
Tribal Historic Preservation Officer

Designated Sole Source Aquifiers in EPA Region IV

Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee



The 3 Sole Source Aquifer designations in Region IV are listed below. Contact the Regional Sole Source Aquifer coordinator for more information.

Lois Hill
US EPA Region IV, Water Division
61 Forsyth St., SE
Atlanta, GA 30303-3104
phone: (404)562-9472
email: hill.lois@epa.gov

DESIGNATED SOLE SOURCE AQUIFERS IN REGION IV:

State	Sole Source Aquifer Name	Federal Register Cit.	Public. Date	GIS map
FL	Biscayne Aquifer, Broward, Dade, Monroe & Palm Beach Counties	44 FR 58797	10/11/79	no
FL	Volusia-Floridan Aquifer, Flagler & Putnam Counties	52 FR 44221	11/18/87	no
*LA/MS	Southern Hills Regional Aquifer System	53 FR 25538	07/07/88	no

U.S. Fish and Wildlife Service

National Wetlands Inventory

Sidewalk Installation Project

Apr 13, 2015

Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Riparian

- Herbaceous
- Forested/Shrub

Riparian Status

- Digital Data

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

Wetlands

Attachment K

http://www.rivers.gov/north-carolina.php
File Edit View Favorites Tools Help
North Carolina

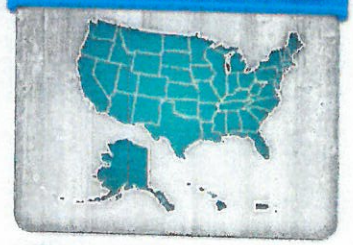
NATIONAL WILD AND SCENIC RIVERS SYSTEM

NORTH CAROLINA

North Carolina has approximately 37,853 miles of river, of which 144.5 miles are designated as wild & scenic—less than 4/10ths of 1% of the state's river miles.

- Chattooga River
- Horsepasture River
- Lumber River
- New River
- Wilson Creek

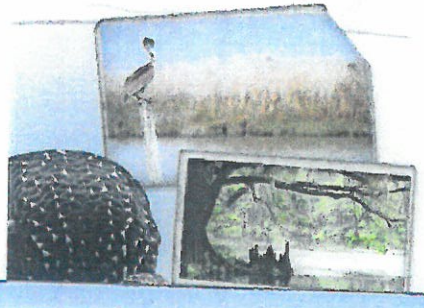
EXPLORE DESIGNATED RIVERS



Choose a State Go

Choose a River Go

Rivers of the Southeast define diversity, from bayous and rivers pushed by the tides to clear mountain streams with world-class whitewater.



Attachment M

EJView Environmental Report

Location: -77.050016,35.106652,-77.049372,35.105827,-77.049361,35.105812

Study Area: 0.5 miles around the linear location

Sites and Facilities	Count
Air Facility System (AFS)	2
Superfund Sites (NPL)	0
Toxic Releases (TRI)	0
Hazardous Waste (RCRAInfo)	3
Water Dischargers (PCS & ICIS)	0
Brownfields (ACRES)	2
Radiation Information Database (RADInfo)	0
Toxic Substances Control Act (TSCA)	0

Environmental Concerns	Count
National Water Information System (NWIS) sites	0
STOrage and RETrieval (STORET) sites	1
Impaired Streams	0
Impaired Waterbodies	0
National Parks	0

Places	Count
Schools	0
Hospitals	1
Worship Places	4

Data Note: Detail may not sum to totals due to rounding

Source: Sites and facilities, EPA Envirofacts; NWIS, USGS; STORET, EPA; impaired streams and waterbodies, EPA NHD Plus; national parks, USGS National Atlas; schools, hospitals, and worship places; USGS GNIS.

Liberty St

EJView ACS Summary Report

Location: -77.050016,35.106652,-77.049372,35.105827,-77.049361,35.105812

Study Area: 0.5 miles around the linear location

Summary of ACS Estimates	2006 - 2010
Population	3,205
Population Density (per sq. mile)	4,422
Minority Population	2,538
% Minority	79%
Households	1,556
Housing Units	1,808
Housing Units Built Before 1950	591
Per Capita Income	21,035
Land Area (sq. miles) (Source: SF1)	0.72
% Land Area	65%
Water Area (sq. miles) (Source: SF1)	0.40
% Water Area	35%

	2006 - 2010 ACS Estimates	Percent	MOE (±)
Population by Race			
Total	3,205	100%	436
Population Reporting One Race	3,029	95%	1,300
White	671	21%	281
Black	2,166	68%	386
American Indian	66	2%	127
Asian	0	0%	127
Pacific Islander	0	0%	127
Some Other Race	127	4%	252
Population Reporting Two or More Races	176	5%	194
Total Hispanic Population	136	4%	252
Total Non-Hispanic Population	3,068		
White Alone	666	21%	281
Black Alone	2,166	68%	386
American Indian Alone	66	2%	127
Non-Hispanic Asian Alone	0	0%	127
Pacific Islander Alone	0	0%	127
Other Race Alone	0	0%	127
Two or More Races Alone	171	5%	194
Population by Sex			
Male	1,542	48%	361
Female	1,663	52%	235
Population by Age			
Age 0-4	326	10%	138
Age 0-17	958	30%	256
Age 18+	2,246	70%	288
Age 65+	193	6%	154

Data Note: Detail may not sum to totals dues to rounding. Hispanic population can be of any race. N/A means not available.
Source: U.S. Census Bureau, American Community Survey (ACS) 2006 - 2010.

EJView ACS Summary Report

Location: -77.050016,35.106652,-77.049372,35.105827,-77.049361,35.105812

Study Area: 0.5 miles around the linear location

	2006 - 2010 ACS Estimates	Percent	MOE (±)
Population 25+ by Educational Attainment			
Total	1,649	100%	316
Less than 9th Grade	158	10%	148
9th - 12th Grade, No Diploma	369	22%	173
High School Graduate	630	38%	130
Some College, No Degree	301	18%	174
Associate Degree	47	3%	128
Bachelor's Degree or more	192	12%	160
POPULATION AGE 5+ YEARS BY ABILITY TO SPEAK ENGLISH			
Total	2,879	100%	418
Speak only English	2,712	94%	407
Non-English at Home[1+2+3+4]	167	6%	266
[1]Speak English "very well"	32	1%	145
[2]Speak English "well"	5	0%	128
[3]Speak English "not well"	3	0%	128
[4]Speak English "not at all"	127	4%	266
[3+4]Speak English "less than well"	130	5%	266
[2+3+4]Speak English "less than very well"	135	5%	266
POPULATION AGE 5+ YEARS BY LANGUAGE SPOKEN AT HOME			
Total	N/A	N/A	N/A
Speak only English	N/A	N/A	N/A
Non-English Speaking	N/A	N/A	N/A
Population by Place of Birth for the Foreign-Born			
Total	N/A	N/A	N/A
Europe	N/A	N/A	N/A
Asia	N/A	N/A	N/A
Africa	N/A	N/A	N/A
Oceania	N/A	N/A	N/A
Americas	N/A	N/A	N/A
Households by Household Income in 1999			
Household Income Base	1,556	100%	151
< $15,000	994	64%	156
$15,000 - $25,000	146	9%	135
$25,000 - $50,000	222	14%	131
$50,000 - $75,000	97	6%	127
$75,000 +	97	6%	140
Occupied Housing Units by Tenure			
Total	1,556	100%	151
Owner Occupied	277	18%	127
Renter Occupied	1,279	82%	151

Data Note: Detail may not sum to totals dues to rounding. Hispanic population can be of any race. N/A means not avialable.

2006-2010 ACS 5-year Estimates: The American Community Survey (ACS) summary files provide nation-wide population and housing characteristic data at all Census summary levels down to the Block Group level. This data was collected between January 1, 2006 and December 31, 2010. ACS replaces the decennial census sample data, and is not the 2010 Census population counts data. (http://www.census.gov/acs/www/#fragment-3)

Margin of error (MOE): The MOE provides a measure of the uncertainty in the estimate due to sampling error in the ACS survey. Applying the MOE value yields the confidence interval for the estimate. For example, an estimate value of 50 and +/- MOE of 5 means the true value is between 45 and 55 with a 90 percenet certainty (http://www.census.gov/acs/www/Downloads/data_documentation/Accuracy/MultiyearACSAccuracyofData2010.pdf). Maximum MOE is shown for each value within study area.

Source: U.S. Census Bureau, American Community Survey (ACS) 2006 - 2010.

Health Statistics

Health Service Area for *Craven, NC - Carteret, NC*

The health data statistics for this feature of the Environmental Justice Assessment are provided by the National Center for Health Statistics (NCHS) Centers for Disease Control (CDC) EXIT Disclaimer, the official source for vital statistics. Currently, this information has not been released for all ethnic groups by NCHS. When the health statistics are released, they will be provided in this feature broken down by geographic area and ethnicity. This information will be made available as soon as the data have been quality assured and released by NCHS in their entirety.

Since 1960, NCHS has received several legislative mandates and authorities, and it works closely with other federal agencies, as well as researchers and academic institutions, to provide health information. NCHS data systems include data on vital events, as well as information on health status, lifestyle and exposure to unhealthy influences, the onset and diagnosis of illness and disability, and the use of health care. This information is used by policymakers in Congress and the Administration, by medical researchers, and by others in the health community.

Additional information is available from the National Center for Health Statistics (NCHS) EXIT Disclaimer website.

Statistic\Disease †	Heart Disease	All Cancers	Chronic Obstructive Pulmonary Disease	Pneumonia and Influenza	Liver Disease
White Male Rate *	202.7	171.7	27.5	14.3	12.2
White Male Significance **	3	3	3	3	3
Black Male Rate *	238.8	209.2	18.2	22.8	16.5
Black Male Significance **	2	2	3	3	3
White Female Rate *	103.8	113.7	19	9.1	5.8
White Female Significance **	3	3	4	3	3
Black Female Rate *	145.3	114.7	5.4	9.2	5.5
Black Female Significance **	2	2	2	2	2

SOURCE: U.S. Department of Health and Human Services, Centers for Disease Control and Prevention, National Center for Health Statistics, Atlas of United States Mortality (1997) EXIT Disclaimer

† Rates based on deaths during 1988-92 in the United States due to the diseases listed.

* **Rate**: The age-adjusted death rate due to cause per 100,000 population.

** **Significance**: A description of whether the death rate of the group, due to cause, varies significantly from the U.S. death rate.

2005 NATA Risk Estimates

	Cancer Risk (Persons per Million)	Neurological Hazard Risk	Respiratory Hazard Risk
CRAVEN, NC	25.78 (37.7 Percentile)	.03 (44.7 Percentile)	.7 (50.7 Percentile)
North Carolina	39.36 (40.4 Percentile)	.04 (26.9 Percentile)	1.17 (28.8 Percentile)

SOURCE: EPA Office of Air and Radiation (http://www.epa.gov/ttn/atw/nata2005/)
NOTES: Values are derived from 2005 National-Scale Air Toxics Assessment (NATA) Cancer Risk Estimates and Non-Cancer Hazard Index Scores. Percentiles are ranking of Counties and States from 0 (lowest) to 100 (highest).

2007 Asthma Prevalence By State

	White Non-Hispanic Persons	Black Non-Hispanic Persons	Multi-Racial Non-Hispanic Persons	Other Race Non-Hispanic Persons	Hispanic Persons
North Carolina					
Lifetime	12%	14.7%	12.2%	13.4%	5.4%
Current	7.8%	9.7%	10.3%	8%	3.1%

SOURCE: Centers for Disease Control and Prevention.
2007 Behavioral Risk Factor Surveillance System (BRFSS) (http://www.cdc.gov/asthma/brfss/07/brfssdata.htm)

2008 Mortality Rates

	Deaths per 1000
CRAVEN, NC	9.56
North Carolina	8.17

SOURCE: US Census Bureau http://www.census.gov/popest/
NOTES: Mortality rates are calculated using 7/1/2007 to 7/1/2008 deaths and estimated populations from the file, "County Population Estimates and Estimated Components of Change, April 1, 2000 to July 1, 2008".

Life Expectancy at Birth in 1999

	Male and Female	Male	Female
Craven, North Carolina	75.5	73.1	77.9

SOURCE: U.S. Census Bureau & National Center for Health Statistics

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All Cancers Mortality Rates

	1950 - 1994		1970 - 1994							
	White Male Age 0 - 19	White Female Age 0 - 19	All White Male	All White Female	All Black Male	All Black Female	White Male Age 0 - 19	White Female Age 0 - 19	Black Male Age 0 - 19	Black Female Age 0 - 19
CRAVEN, NC	5.9901	3.879	210.884	131.9257	276.23	144.0355				
North Carolina	6.3373	4.7383	207.1249	122.2658	290.4471	145.8584	4.9396	3.58	4.7133	3.4753

SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://ratecalc.cancer.gov/ratecalc/archivedatlas/
NOTES: Mortality rates (number per 100,000) are extracted from the state and county mortality tables.

Childhood Leukemia Mortality Rates

	1950 - 1994		1970 - 1994							
	White Male Age 0 - 19	White Female Age 0 - 19	All White Male	All White Female	All Black Male	All Black Female	White Male Age 0 - 19	White Female Age 0 - 19	Black Male Age 0 - 19	Black Female Age 0 - 19
CRAVEN, NC	2.2229	1.8736	9.9409	5.015	10.2875	2.3179				
North Carolina	2.5802	2.0097	8.4127	5.1251	8.0682	4.3448	1.878	1.3752	1.8604	.8913

SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://ratecalc.cancer.gov/ratecalc/archivedatlas/
NOTES: Mortality rates (number per 100,000) are extracted from the state and county Leukemia mortality tables.

Adult Lymphoma Mortality Rates

	1950 - 1994		1970 - 1994							
	White Male Age 20 - 49 Age 50 - 74 Age 75+	White Female Age 20 - 49 Age 50 - 74 Age 75+	All White Male	All White Female	All Black Male	All Black Female	White Male Age 20 - 49 Age 50 - 74 Age 75+	White Female Age 20 - 49 Age 50 - 74 Age 75+	Black Male Age 20 - 49 Age 50 - 74 Age 75+	Black Female Age 20 - 49 Age 50 - 74 Age 75+
CRAVEN, NC	1.1511 18.1507 45.3769	.585 14.4127 45.0695	5.3844	5.2779	5.338	4.4258				
North Carolina	1.8284 15.021 46.5558	.9912 10.3238 36.1119	6.4698	4.4307	4.6595	2.4976	1.923 16.8405 55.4914	1.0512 11.673 41.2357	2.2238 12.999 26.425	.868 6.3217 21.8246

SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://ratecalc.cancer.gov/ratecalc/archivedatlas/
NOTES: Mortality rates (number per 100,000) are extracted from the state and county Non-Hodgkin's Lymphoma mortality tables.

Lung Cancers Mortality Rates

	1950 - 1994		1970 - 1994							
	White Male Age 0 - 19	White Female Age 0 - 19	All White Male	All White Female	All Black Male	All Black Female	White Male Age 0 - 19	White Female Age 0 - 19	Black Male Age 0 - 19	Black Female Age 0 - 19
CRAVEN, NC	0	0	80.6857	26.7456	81.9398	14.9733				
North Carolina	.0187	.0242	75.6353	20.7159	88.3558	15.2339	.0108	.0188	.0148	0

SOURCE: National Cancer Institute Cancer Mortality Maps & Graphs http://ratecalc.cancer.gov/ratecalc/archivedatlas/
NOTES: Mortality rates (number per 100,000) are extracted from the state and county mortality tables.