



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

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

Project Information

Project Name: Muscatine-Healthy-Homes-and-Lead-Hazard-Control

**HEROS
Number:** 900000010457216

Start Date: 03/06/2025

**Responsible Entity
(RE):** City Of Muscatine, 215 Sycamore St. Muscatine IA, 52761

**State / Local
Identifier:**

RE Preparer: Ricky Newcomb

**Certifying
Officer:** Brad Bark

**Grant Recipient (if different than Responsible
Entity):**

Point of Contact:

**Consultant (if
applicable):**

Point of Contact:

40 CFR 1506.5(b)(4): The lead agency or, where appropriate, a cooperating agency shall prepare a disclosure statement for the contractor's execution specifying that the contractor has no financial or other interest in the outcome of the action. Such statement need not include privileged or confidential trade secrets or other confidential business information.

- ✓ By checking this box, I attest that as a preparer, I have no financial or other interest in the outcome of the undertaking assessed in this environmental review.

Additional Location Information:

Muscatine County, Iowa - Census Tract 508

Direct Comments

to:

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

The City of Muscatine plans to address lead hazards in 65 homes within Census Tract 508 at an average cost of \$20,000 per unit. Additionally, the City plans to use the Healthy Homes funds to address radon, carbon monoxide, and electrical hazards in homes participating in the Lead Hazard Control Program. . * The identified area (Census Tract 508) is a disadvantaged community with more than 90% of the housing stock being built before 1978. Units will be identified through outreach efforts, such as participation in community events and working with community partners. Homes that have children with EBL concerns plus the highest number of home hazards will be ranked as a higher priority. The units with current EBL cases or previously had an EBL case will be prioritized higher than those units that do not contain documented EBL cases. Utilizing income eligibility, the City will still enroll units without EBL cases

Maps, photographs, and other documentation of project location and description:

Approximate size of the project area: 1/2 square mile

Length of time covered by this review: 4 Years

Maximum number of dwelling units or lots addressed by this tiered review:
65

Level of Environmental Review Determination:

Categorically Excluded per 24 CFR 58.35(a), and subject to laws and authorities at §58.5: 58.35(a)(3)

Determination:

Extraordinary circumstances exist and this project may result in significant environmental impact. This project requires preparation of an Environmental Assessment (EA); OR
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There are no extraordinary circumstances which would require completion of an EA, and this project may remain CEST.

Approval Documents:

7015.15 certified by Certifying Officer on:

7015.16 certified by Authorizing Officer on:

Funding Information

Grant / Project Identification Number	HUD Program	Program Name	Funding Amount
IALHD0497-23	Healthy Homes and Lead Hazard Control		\$2,956,932.31

Estimated Total HUD Funded Amount: \$2,956,932.31

Estimated Total Project Cost [24 CFR 58.2 (a) (5)]: \$2,956,932.31

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

Compliance Factors: Statutes, Executive Orders, and Regulations listed at 24 CFR §50.4, §58.5, and §58.6	Was compliance achieved at the broad level of review?	Describe here compliance determinations made at the broad level and source documentation.
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.6		
Airport Hazards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is not located within 2,500 feet of the end of a civil airport runway or 15,000 feet of the end of a military runway. Compliance is met in the broad review. Documentation is attached.

Coastal Barrier Resources Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No CBRA in MO/KS/NE/IA. Compliance is met in the broad review. Documentation is attached.
Flood Insurance	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
STATUTES, EXECUTIVE ORDERS, AND REGULATIONS LISTED AT 24 CFR §50.4 & § 58.5		
Air Quality	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is located in an EPA-designated non-attainment area for "criteria pollutants," called the National Ambient Air Quality Standards (NAAQS). The criteria pollutant in non-attainment is Sulfur Dioxide (2010). According to the EPA: "The largest source of SO2 in the atmosphere is the burning of fossil fuels by power plants and other industrial facilities. Smaller sources of SO2 emissions include: industrial processes such as extracting metal from ore; natural sources such as volcanoes; and locomotives, ships, and other vehicles and heavy equipment that burn fuel with a high sulfur content." Project is addressing lead, radon, carbon monoxide, and electrical hazards in residential properties, and does not fall under the EPA's description of main sources of SO2. Project complies with CAA because it will not cause or increase violation of NAAQS standard nor delay compliance with any NAAQS standard. Compliance is met in the broad review. Documentation is attached.
Coastal Zone Management Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	No coastal zone management programs exist in the states of HUD Region VII, as established by Nat'l Oceanic & Atmospheric Administration, Office of Ocean and Coastal Resource Management. Compliance is met in the broad review.
Contamination and Toxic Substances	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Endangered Species Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project will not affect any Federally listed endangered or threatened species or habitats because the project location does not have habitat suitable for the

		listed species. Species list and habitat information for the location from USFWS is attached. Correspondence with USFWS is also attached.
Explosive and Flammable Hazards	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is addressing lead, radon, carbon monoxide, and electrical hazards in residential properties without conversion of land use. Therefore this policy does not apply to this activity and is exempt from review under this regulation.
Farmlands Protection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is addressing lead, radon, carbon monoxide, and electrical hazards in residential properties. No conversion of farmland will occur. Therefore, this activity is exempt from review under this regulation.
Floodplain Management	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Historic Preservation	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
Noise Abatement and Control	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Compliance with this factor is reached at the broad level due to the nature of the program. The program is limited to minor rehabilitation, without acquisition of an existing building, increasing the size or density of the structure, new construction, changes of land use from industrial/commercial to residential. No further analysis is required. HUD strongly recommends utilizing noise mitigation measures when a component unit is replaced, all repairs are dedicated to health and safety issues, and when possible modern noise mitigating materials will be used. Compliance is met in the broad review.
Sole Source Aquifers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is not located within area of an EPA-designated sole source aquifer. Map attached.
Wetlands Protection	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is not located within, or has impact upon, a wetland. Map attached.
Wild and Scenic Rivers Act	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project is not located within one mile of a designated Wild and Scenic River, or river being studied as a potential component of the Wild and Scenic River system. Documentation attached.

ENVIRONMENTAL JUSTICE		
Environmental Justice	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Project neighborhood does not suffer from adverse health or environmental effects which disproportionately affect minority or low-income populations relative to the community at-large. Project will assist low to moderate income persons for a better quality of life. Documentation attached.

Supporting documentation

[Air Quality.pdf](#)

[CBRA List.pdf](#)

[Endangered Species.pdf](#)

[EJ.pdf](#)

[Sole Source Aquifers.pdf](#)

[Wetlands Protection.pdf](#)

[Wild and Scenic Rivers Act.pdf](#)

[Airport Hazards.pdf](#)

Written Strategies

The following strategies provide the policy, standard, or process to be followed in the site-specific review for each law, authority, and factor that will require completion of a site-specific review.

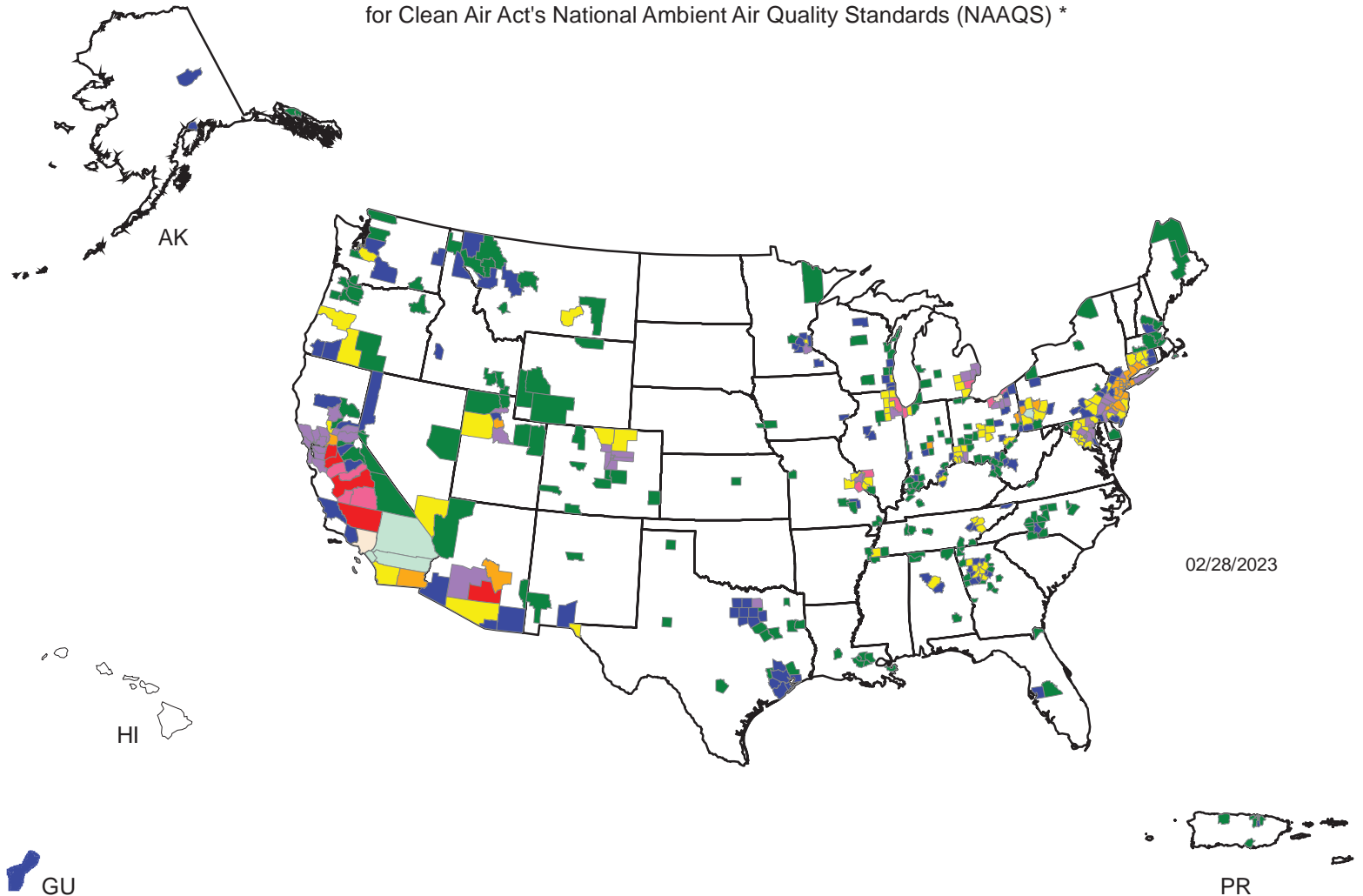
1	Flood Insurance
	If a property is identified to be located within a 100-year floodplain a copy of the certificate of flood insurance will be required prior to signing contract for work to be completed.
2	Contamination and Toxic Substances
	Each individual property will be searched to determine whether or not the property is impacted by contamination or toxic substances. All identified lead-based paint hazards will be lead safe through the program. When budget allows, asbestos and radon identified on the project site will be mitigated.
3	Floodplain Management
	Each individual property will be searched to confirm whether or not the property is located within a 100-year floodplain.
4	Historic Preservation
	Each individual property will be reviewed by Iowa SHPO. Properties eligible for listing on the National Register of Historic Places will follow the Secretary of Interior's standards for rehabilitation of historic properties.

Supporting documentation

APPENDIX A: Site Specific Reviews

Counties Designated "Nonattainment" or "Maintenance"

for Clean Air Act's National Ambient Air Quality Standards (NAAQS) *



Legend **

- County Designated Nonattainment or Maintenance for 9 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 8 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 7 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 6 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 5 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 4 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 3 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 2 NAAQS Pollutants
- County Designated Nonattainment or Maintenance for 1 NAAQS Pollutants

* The National Ambient Air Quality Standards (NAAQS) are health standards for Carbon Monoxide, Lead (1978 and 2008), Nitrogen Dioxide, 8-hour Ozone (2008), Particulate Matter (PM-10 and PM-2.5 (1997, 2006 and 2012), and Sulfur Dioxide.(1971 and 2010)

** Included in the counts are counties designated for NAAQS and revised NAAQS pollutants. Revoked 1-hour (1979) and 8-hour Ozone (1997) are excluded. Partial counties, those with part of the county designated nonattainment and part attainment, are shown as full counties on the map.

logo

You are here: EPA Home > Green Book > Current Nonattainment Counties for All Criteria Pollutants

Current Nonattainment Counties for All Criteria Pollutants

Data is current as of June 30, 2023

The 8-hour Ozone (1997) standard was revoked on April 6, 2015 and the 1-hour Ozone (1979) standard was revoked on June 15, 2005.

The asterisk (*) indicates only a portion of the county is included in the designated nonattainment area (NA).

Download National Dataset of all designated areas (currently nonattainment, maintenance, revoked):
dbf | xls | Data dictionary (PDF)

Listed by State, County, NAAQS * Part County NA NA Area Name (Classification, if applicable)

ALASKA

Fairbanks North Star Borough
PM-2.5 (2006) *Fairbanks, AK - (Serious)

ARIZONA

Cochise County
PM-10 (1987) *Cochise County; Paul Spur/Douglas planning area, AZ - (Moderate)

Gila County
Lead (2008) *Hayden, AZ
PM-10 (1987) *Hayden, AZ - (Moderate)
PM-10 (1987) *Miami, AZ - (Moderate)
Sulfur Dioxide (2010) *Hayden, AZ
Sulfur Dioxide (2010) *Miami, AZ
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Maricopa County
PM-10 (1987) *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
8-Hour Ozone (2008) *Phoenix-Mesa, AZ - (Moderate)
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Pima County
PM-10 (1987) *Pima County; Rillito planning area, AZ - (Moderate)

Pinal County
Lead (2008) *Hayden, AZ
PM-10 (1987) *Hayden, AZ - (Moderate)
PM-10 (1987) *Maricopa and Pinal Counties; Phoenix planning area, AZ - (Serious)
PM-10 (1987) *Miami, AZ - (Moderate)
PM-10 (1987) *Pinal County (part); West Pinal, AZ - (Serious)
PM-2.5 (2006) *West Central Pinal, AZ - (Moderate)
Sulfur Dioxide (1971) *Hayden (Pinal County), AZ
Sulfur Dioxide (2010) *Hayden, AZ
8-Hour Ozone (2008) *Phoenix-Mesa, AZ - (Moderate)
8-Hour Ozone (2015) *Phoenix-Mesa, AZ - (Moderate)

Santa Cruz County
PM-10 (1987) *Santa Cruz County; Nogales planning area, AZ - (Moderate)

Yuma County
PM-10 (1987) *Yuma, AZ - (Moderate)
8-Hour Ozone (2015) *Yuma, AZ - (Marginal)

CALIFORNIA

Alameda County	
PM-2.5 (2006)	San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008)	San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015)	San Francisco Bay Area, CA - (Marginal)
Amador County	
8-Hour Ozone (2015)	Amador County, CA - (Marginal)
Butte County	
8-Hour Ozone (2008)	Chico (Butte County), CA - (Marginal)
8-Hour Ozone (2015)	Butte County, CA - (Marginal)
Calaveras County	
8-Hour Ozone (2008)	Calaveras County, CA - (Marginal)
8-Hour Ozone (2015)	Calaveras County, CA - (Marginal)
Contra Costa County	
PM-2.5 (2006)	San Francisco Bay Area, CA - (Moderate)
8-Hour Ozone (2008)	San Francisco Bay Area, CA - (Marginal)
8-Hour Ozone (2015)	San Francisco Bay Area, CA - (Marginal)
El Dorado County	
PM-2.5 (2006)	*Sacramento, CA - (Moderate)
8-Hour Ozone (2008)	*Sacramento Metro, CA - (Severe 15)
8-Hour Ozone (2015)	*Sacramento Metro, CA - (Serious)
Fresno County	
PM-2.5 (1997)	San Joaquin Valley, CA - (Serious)
PM-2.5 (2006)	San Joaquin Valley, CA - (Serious)
PM-2.5 (2012)	San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008)	San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015)	San Joaquin Valley, CA - (Extreme)
Imperial County	
PM-2.5 (2006)	*Imperial County, CA - (Moderate)
PM-2.5 (2012)	*Imperial County, CA - (Moderate)
8-Hour Ozone (2008)	Imperial County, CA - (Moderate)
8-Hour Ozone (2015)	Imperial County, CA - (Marginal)
Inyo County	
PM-10 (1987)	*Inyo County; Owens Valley planning area, CA - (Serious)
Kern County	
PM-10 (1987)	*East Kern County, CA - (Serious)
PM-2.5 (1997)	*San Joaquin Valley, CA - (Serious)
PM-2.5 (2006)	*San Joaquin Valley, CA - (Serious)
PM-2.5 (2012)	*San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008)	*Kern County (Eastern Kern), CA - (Severe 15)
8-Hour Ozone (2008)	*San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015)	*Kern County (Eastern Kern), CA - (Serious)
8-Hour Ozone (2015)	*San Joaquin Valley, CA - (Extreme)
Kings County	
PM-2.5 (1997)	San Joaquin Valley, CA - (Serious)
PM-2.5 (2006)	San Joaquin Valley, CA - (Serious)
PM-2.5 (2012)	San Joaquin Valley, CA - (Serious)
8-Hour Ozone (2008)	San Joaquin Valley, CA - (Extreme)
8-Hour Ozone (2015)	San Joaquin Valley, CA - (Extreme)
Los Angeles County	
Lead (2008)	*Los Angeles County-South Coast Air Basin, CA
PM-2.5 (1997)	*Los Angeles-South Coast Air Basin, CA - (Moderate)
PM-2.5 (2006)	*Los Angeles-South Coast Air Basin, CA - (Serious)
PM-2.5 (2012)	*Los Angeles-South Coast Air Basin, CA - (Serious)
8-Hour Ozone (2008)	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2008)	*Los Angeles-South Coast Air Basin, CA - (Extreme)
8-Hour Ozone (2015)	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
8-Hour Ozone (2015)	*Los Angeles-South Coast Air Basin, CA - (Extreme)
Madera County	

<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Marin County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Mariposa County	
<i>8-Hour Ozone (2008)</i>	Mariposa County, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	Mariposa County, CA - (Moderate)
Merced County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Mono County	
<i>PM-10 (1987)</i>	*Mono Basin, CA - (Moderate)
Napa County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Nevada County	
<i>8-Hour Ozone (2008)</i>	*Nevada County (Western part), CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*Nevada County (Western part), CA - (Serious)
Orange County	
<i>PM-2.5 (1997)</i>	Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	Los Angeles-South Coast Air Basin, CA - (Extreme)
Placer County	
<i>PM-2.5 (2006)</i>	*Sacramento, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
Plumas County	
<i>PM-2.5 (2012)</i>	*Plumas County, CA - (Serious)
Riverside County	
<i>PM-10 (1987)</i>	*Riverside County; Coachella Valley planning area, CA - (Serious)
<i>PM-2.5 (1997)</i>	*Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2008)</i>	*Morongo Band of Mission Indians, CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*Riverside County (Coachella Valley), CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Morongo Band of Mission Indians, CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	*Riverside County (Coachella Valley), CA - (Severe 15)
Sacramento County	
<i>PM-2.5 (2006)</i>	Sacramento, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	Sacramento Metro, CA - (Serious)
San Bernardino County	
<i>PM-10 (1987)</i>	*San Bernardino County, CA - (Moderate)

<i>PM-10 (1987)</i>	*Trona, CA - (Moderate)
<i>PM-2.5 (1997)</i>	*Los Angeles-South Coast Air Basin, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>PM-2.5 (2012)</i>	*Los Angeles-South Coast Air Basin, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-San Bernardino Counties (West Mojave Desert), CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Los Angeles-South Coast Air Basin, CA - (Extreme)
San Diego County	
<i>8-Hour Ozone (2008)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*San Diego County, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Pechanga Band of Luiseno Mission Indians of the Pechanga Reservation, CA - (Moderate)
<i>8-Hour Ozone (2015)</i>	*San Diego County, CA - (Severe 15)
San Francisco County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
San Joaquin County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
San Luis Obispo County	
<i>8-Hour Ozone (2008)</i>	*San Luis Obispo (Eastern San Luis Obispo), CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*San Luis Obispo (Eastern part), CA - (Marginal)
San Mateo County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Santa Clara County	
<i>PM-2.5 (2006)</i>	San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	San Francisco Bay Area, CA - (Marginal)
Solano County	
<i>PM-2.5 (2006)</i>	*Sacramento, CA - (Moderate)
<i>PM-2.5 (2006)</i>	*San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2008)</i>	*San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*San Francisco Bay Area, CA - (Marginal)
Sonoma County	
<i>PM-2.5 (2006)</i>	*San Francisco Bay Area, CA - (Moderate)
<i>8-Hour Ozone (2008)</i>	*San Francisco Bay Area, CA - (Marginal)
<i>8-Hour Ozone (2015)</i>	*San Francisco Bay Area, CA - (Marginal)
Stanislaus County	
<i>PM-2.5 (1997)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2006)</i>	San Joaquin Valley, CA - (Serious)
<i>PM-2.5 (2012)</i>	San Joaquin Valley, CA - (Serious)
<i>8-Hour Ozone (2008)</i>	San Joaquin Valley, CA - (Extreme)
<i>8-Hour Ozone (2015)</i>	San Joaquin Valley, CA - (Extreme)
Sutter County	
<i>8-Hour Ozone (2008)</i>	*Sacramento Metro, CA - (Severe 15)
<i>8-Hour Ozone (2015)</i>	*Sacramento Metro, CA - (Serious)
<i>8-Hour Ozone (2015)</i>	*Sutter Buttes, CA - (Marginal)
Tehama County	

8-Hour Ozone (2008)*Tuscan Buttes, CA - (Marginal)

8-Hour Ozone (2015)*Tuscan Buttes, CA - (Marginal (Rural Transport))

Tulare County

PM-2.5 (1997) San Joaquin Valley, CA - (Serious)

PM-2.5 (2006) San Joaquin Valley, CA - (Serious)

PM-2.5 (2012) San Joaquin Valley, CA - (Serious)

8-Hour Ozone (2008) San Joaquin Valley, CA - (Extreme)

8-Hour Ozone (2015) San Joaquin Valley, CA - (Extreme)

Tuolumne County

8-Hour Ozone (2015) Tuolumne County, CA - (Marginal)

Ventura County

8-Hour Ozone (2008)*Ventura County, CA - (Serious)

8-Hour Ozone (2015)*Ventura County, CA - (Serious)

Yolo County

PM-2.5 (2006) *Sacramento, CA - (Moderate)

8-Hour Ozone (2008) Sacramento Metro, CA - (Severe 15)

8-Hour Ozone (2015) Sacramento Metro, CA - (Serious)

COLORADO

Adams County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Arapahoe County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Boulder County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Broomfield County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Denver County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Douglas County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Jefferson County

8-Hour Ozone (2008) Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

Larimer County

8-Hour Ozone (2008)*Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015)*Denver Metro/North Front Range, CO - (Moderate)

Weld County

8-Hour Ozone (2008)*Denver-Boulder-Greeley-Ft. Collins-Loveland, CO - (Severe 15)

8-Hour Ozone (2015) Denver Metro/North Front Range, CO - (Moderate)

CONNECTICUT

Fairfield County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Hartford County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Litchfield County

8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)

8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

Middlesex County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

New Haven County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

- 8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)
- New London County
 - 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
 - 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)
- Tolland County
 - 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
 - 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)
- Windham County
 - 8-Hour Ozone (2008) Greater Connecticut, CT - (Serious)
 - 8-Hour Ozone (2015) Greater Connecticut, CT - (Moderate)

DELAWARE

- New Castle County
 - 8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
 - 8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)
- Sussex County
 - 8-Hour Ozone (2008) Seaford, DE - (Marginal)

DISTRICT OF COLUMBIA

- District of Columbia
 - 8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

GUAM

- Guam
 - Sulfur Dioxide (1971)*Piti, GU
 - Sulfur Dioxide (1971)*Tanguisson, GU
 - Sulfur Dioxide (2010)*Piti-Cabras, GU

IDAHO

- Bannock County
 - PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)
- Power County
 - PM-10 (1987) *Power-Bannock Counties; Fort Hall Indian Reservation, ID - (Moderate)

ILLINOIS

- Cook County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
- DuPage County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
- Grundy County
 - 8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)
- Kane County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
- Kendall County
 - 8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)
- Lake County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
- Madison County
 - Sulfur Dioxide (2010)*Alton Township, IL
 - 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
- McHenry County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)
- Monroe County
 - 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
- St. Clair County
 - 8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)
- Will County
 - 8-Hour Ozone (2015) Chicago, IL-IN-WI - (Moderate)

INDIANA

- Huntington County
 - Sulfur Dioxide (2010)*Huntington, IN
- Lake County
 - 8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)
- Porter County
 - 8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)

IOWA**Muscatine County*****Sulfur Dioxide (2010)*Muscatine, IA*****KANSAS**

Saline County

Lead (2008) *Saline County, KS**KENTUCKY**

Boone County

*8-Hour Ozone (2015)*Cincinnati, OH-KY - (Moderate)*

Bullitt County

8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)

Campbell County

*8-Hour Ozone (2015)*Cincinnati, OH-KY - (Moderate)*

Henderson County

*Sulfur Dioxide (2010)*Henderson-Webster Counties, KY*

Jefferson County

8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)

Kenton County

*8-Hour Ozone (2015)*Cincinnati, OH-KY - (Moderate)*

Oldham County

8-Hour Ozone (2015) Louisville, KY-IN - (Moderate)

Webster County

*Sulfur Dioxide (2010)*Henderson-Webster Counties, KY***LOUISIANA**

Evangeline Parish

*Sulfur Dioxide (2010)*Evangeline Parish (Partial), LA*

St. Bernard Parish

Sulfur Dioxide (2010) St. Bernard Parish, LA**MARYLAND**

Anne Arundel County

*Sulfur Dioxide (2010)*Anne Arundel County and Baltimore County, MD**8-Hour Ozone (2008)* Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Baltimore County

*Sulfur Dioxide (2010)*Anne Arundel County and Baltimore County, MD**8-Hour Ozone (2008)* Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Baltimore city

8-Hour Ozone (2008) Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Calvert County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Carroll County

8-Hour Ozone (2008) Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Cecil County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)*8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Charles County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Frederick County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Harford County

8-Hour Ozone (2008) Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Howard County

8-Hour Ozone (2008) Baltimore, MD - (Moderate)*8-Hour Ozone (2015)* Baltimore, MD - (Moderate)

Montgomery County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Prince George's County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

MASSACHUSETTS

Dukes County

8-Hour Ozone (2008) Dukes County, MA - (Marginal)

MICHIGAN

Allegan County

8-Hour Ozone (2015) *Allegan County, MI - (Moderate)

Berrien County

8-Hour Ozone (2015) Berrien County, MI - (Moderate)

Muskegon County

8-Hour Ozone (2015) *Muskegon County, MI - (Moderate)

St. Clair County

Sulfur Dioxide (2010) *St. Clair, MI

Wayne County

Sulfur Dioxide (2010) *Detroit, MI

MINNESOTA

Dakota County

Lead (2008) *Eagan, MN

MISSOURI

Dent County

Lead (2008) *Iron, Dent, and Reynolds Counties, MO

Franklin County

8-Hour Ozone (2015) *St. Louis, MO-IL - (Moderate)

Iron County

Lead (2008) *Iron, Dent, and Reynolds Counties, MO

Jefferson County

Lead (1978) *Jefferson County (part); Herculaneum, MO

Lead (2008) *Jefferson County, MO

8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

New Madrid County

Sulfur Dioxide (2010) *New Madrid County, MO

Reynolds County

Lead (2008) *Iron, Dent, and Reynolds Counties, MO

St. Charles County

8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

St. Louis County

8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

St. Louis city

8-Hour Ozone (2015) St. Louis, MO-IL - (Moderate)

MONTANA

Lake County

PM-10 (1987) *Lake County; Polson, MT - (Moderate)

PM-10 (1987) *Lake County; Ronan, MT - (Moderate)

Lincoln County

PM-2.5 (1997) *Libby, MT - (Moderate)

Rosebud County

PM-10 (1987) *Rosebud County; Lame Deer, MT - (Moderate)

Yellowstone County

Sulfur Dioxide (1971) *Laurel Area (Yellowstone County), MT

NEVADA

Clark County

8-Hour Ozone (2015) *Las Vegas, NV - (Moderate)

NEW JERSEY

Atlantic County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Bergen County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Burlington County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Camden County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Cape May County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Cumberland County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Essex County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Gloucester County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Hudson County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Hunterdon County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Mercer County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Middlesex County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Monmouth County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Morris County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Ocean County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Passaic County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Salem County

8-Hour Ozone (2008) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)

8-Hour Ozone (2015) Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Somerset County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Sussex County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Union County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Warren County

Sulfur Dioxide (1971)*Warren County, NJ

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

NEW MEXICO**Dona Ana County**

PM-10 (1987) *Dona Ana County; Anthony, NM - (Moderate)

8-Hour Ozone (2015) *El Paso-Las Cruces, TX-NM - (Marginal)

NEW YORK

Bronx County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Chautauqua County

8-Hour Ozone (2008) Jamestown, NY - (Marginal)

Kings County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Nassau County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

New York County

PM-10 (1987) New York County, NY - (Moderate)

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Queens County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Richmond County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Rockland County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

St. Lawrence County

*Sulfur Dioxide (2010)**St. Lawrence County, NY

Suffolk County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

Westchester County

8-Hour Ozone (2008) New York-N. New Jersey-Long Island, NY-NJ-CT - (Severe 15)

8-Hour Ozone (2015) New York-Northern New Jersey-Long Island, NY-NJ-CT - (Moderate)

OHIO

Cuyahoga County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Geauga County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Lake County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Lorain County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Medina County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Morgan County

*Sulfur Dioxide (2010)**Muskingum River, OH

Portage County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Stark County

Lead (2008) *Canton-Stark County, OH

Summit County

8-Hour Ozone (2015) Cleveland, OH - (Moderate)

Washington County

*Sulfur Dioxide (2010)**Muskingum River, OH

OREGON

Klamath County

PM-2.5 (2006) *Klamath Falls, OR - (Moderate)

PENNSYLVANIA

Allegheny County

- PM-2.5 (1997)* *Liberty-Clairton, PA - (Moderate)
- PM-2.5 (2006)* *Liberty-Clairton, PA - (Moderate)
- PM-2.5 (2012)* Allegheny County, PA - (Moderate)
- Sulfur Dioxide (2010)**Allegheny, PA
- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Armstrong County

- Sulfur Dioxide (1971)**Armstrong County: Madison, Mahoning, Boggs, Washington, Pine, PA
- Sulfur Dioxide (2010)**Indiana, PA
- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Beaver County

- Lead (2008)* *Lower Beaver Valley, PA
- Sulfur Dioxide (2010)**Beaver, PA
- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Berks County

- Lead (2008)* *Lyons, PA
- Lead (2008)* *North Reading, PA
- 8-Hour Ozone (2008)* Reading, PA - (Marginal)

Bucks County

- 8-Hour Ozone (2008)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
- 8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Butler County

- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Carbon County

- 8-Hour Ozone (2008)* Allentown-Bethlehem-Easton, PA - (Marginal)

Chester County

- 8-Hour Ozone (2008)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
- 8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Delaware County

- 8-Hour Ozone (2008)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
- 8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Fayette County

- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Indiana County

- Sulfur Dioxide (2010)* Indiana, PA

Lancaster County

- 8-Hour Ozone (2008)* Lancaster, PA - (Marginal)

Lehigh County

- 8-Hour Ozone (2008)* Allentown-Bethlehem-Easton, PA - (Marginal)

Montgomery County

- 8-Hour Ozone (2008)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
- 8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Northampton County

- 8-Hour Ozone (2008)* Allentown-Bethlehem-Easton, PA - (Marginal)

Philadelphia County

- 8-Hour Ozone (2008)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Marginal)
- 8-Hour Ozone (2015)* Philadelphia-Wilmington-Atlantic City, PA-NJ-MD-DE - (Moderate)

Warren County

- Sulfur Dioxide (2010)**Warren, PA

Washington County

- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

Westmoreland County

- 8-Hour Ozone (2008)* Pittsburgh-Beaver Valley, PA - (Marginal)

PUERTO RICO**Arecibo Municipio**

- Lead (2008)* *Arecibo, PR

Bayamon Municipio

- Sulfur Dioxide (2010)**San Juan, PR

Catano Municipio

- Sulfur Dioxide (2010)* San Juan, PR

Guaynabo Municipio

*Sulfur Dioxide (2010)**San Juan, PR

Salinas Municipio

*Sulfur Dioxide (2010)**Guayama-Salinas, PR

San Juan Municipio

*Sulfur Dioxide (2010)**San Juan, PR

Toa Baja Municipio

*Sulfur Dioxide (2010)**San Juan, PR**TENNESSEE**

Sullivan County

*Sulfur Dioxide (2010)**Sullivan County, TN**TEXAS**

Anderson County

*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX

Bexar County

8-Hour Ozone (2015) San Antonio, TX - (Moderate)

Brazoria County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)*8-Hour Ozone (2015)* Houston-Galveston-Brazoria, TX - (Moderate)

Chambers County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)*8-Hour Ozone (2015)* Houston-Galveston-Brazoria, TX - (Moderate)

Collin County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

Dallas County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

Denton County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

El Paso County

PM-10 (1987) *El Paso County, TX - (Moderate)*8-Hour Ozone (2015)* El Paso-Las Cruces, TX-NM - (Marginal)

Ellis County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

Fort Bend County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)*8-Hour Ozone (2015)* Houston-Galveston-Brazoria, TX - (Moderate)

Freestone County

*Sulfur Dioxide (2010)**Freestone and Anderson Counties, TX

Galveston County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)*8-Hour Ozone (2015)* Houston-Galveston-Brazoria, TX - (Moderate)

Harris County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)*8-Hour Ozone (2015)* Houston-Galveston-Brazoria, TX - (Moderate)

Howard County

*Sulfur Dioxide (2010)**Howard County, TX

Hutchinson County

*Sulfur Dioxide (2010)**Hutchinson County, TX

Johnson County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

Kaufman County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)*8-Hour Ozone (2015)* Dallas-Fort Worth, TX - (Moderate)

Liberty County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

Montgomery County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

8-Hour Ozone (2015) Houston-Galveston-Brazoria, TX - (Moderate)

Navarro County

Sulfur Dioxide (2010)*Navarro County, TX

Panola County

Sulfur Dioxide (2010)*Rusk and Panola Counties, TX

Parker County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

Rockwall County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

Rusk County

Sulfur Dioxide (2010)*Rusk and Panola Counties, TX

Tarrant County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

Titus County

Sulfur Dioxide (2010)*Titus County, TX

Waller County

8-Hour Ozone (2008) Houston-Galveston-Brazoria, TX - (Severe 15)

Wise County

8-Hour Ozone (2008) Dallas-Fort Worth, TX - (Severe 15)

8-Hour Ozone (2015) Dallas-Fort Worth, TX - (Moderate)

UTAH

Box Elder County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

Davis County

PM-2.5 (2006) Salt Lake City, UT - (Serious)

8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Duchesne County

8-Hour Ozone (2015)*Uinta Basin, UT - (Marginal)

Salt Lake County

PM-2.5 (2006) Salt Lake City, UT - (Serious)

Sulfur Dioxide (1971) Salt Lake County, UT

8-Hour Ozone (2015) Northern Wasatch Front, UT - (Moderate)

Tooele County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

Sulfur Dioxide (1971)*Tooele County, UT

8-Hour Ozone (2015)*Northern Wasatch Front, UT - (Moderate)

Uintah County

8-Hour Ozone (2015)*Uinta Basin, UT - (Marginal)

Utah County

PM-2.5 (2006) *Provo, UT - (Serious)

8-Hour Ozone (2015)*Southern Wasatch Front, UT - (Marginal)

Weber County

PM-2.5 (2006) *Salt Lake City, UT - (Serious)

8-Hour Ozone (2015)*Northern Wasatch Front, UT - (Moderate)

VIRGINIA

Alexandria city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Arlington County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Fairfax city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Falls Church city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Giles County

*Sulfur Dioxide (2010)*Giles County, VA*

Loudoun County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas Park city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Manassas city

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

Prince William County

8-Hour Ozone (2015) Washington, DC-MD-VA - (Moderate)

WASHINGTON

Whatcom County

*Sulfur Dioxide (2010)*Whatcom County, WA*

WISCONSIN

Kenosha County

*8-Hour Ozone (2015)*Chicago, IL-IN-WI - (Moderate)*

Milwaukee County

8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Ozaukee County

8-Hour Ozone (2015) Milwaukee, WI - (Moderate)

Racine County

*8-Hour Ozone (2015)*Milwaukee, WI - (Moderate)*

Sheboygan County

*8-Hour Ozone (2015)*Sheboygan County, WI - (Moderate)*

Washington County

*8-Hour Ozone (2015)*Milwaukee, WI - (Moderate)*

Waukesha County

*8-Hour Ozone (2015)*Milwaukee, WI - (Moderate)*

WYOMING

Lincoln County

*8-Hour Ozone (2008)*Upper Green River Basin Area, WY - (Marginal)*

Sublette County

8-Hour Ozone (2008) Upper Green River Basin Area, WY - (Marginal)

Sweetwater County

*8-Hour Ozone (2008)*Upper Green River Basin Area, WY - (Marginal)*

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2023-06-30

Coastal Barrier Resources System Units by County

State	County	Unit Number	Unit Name
Alabama	Baldwin	AL-01P	Perdido Key
Alabama	Baldwin	AL-02P	Gulf Park
Alabama	Baldwin	AL-03	Skunk Bayou
Alabama	Baldwin	AL-04P	Cypress Point
Alabama	Mobile	AL-05P	Alligator Lake
Alabama	Baldwin	Q01	Mobile Point
Alabama	Mobile	Q01A	Pelican Island
Alabama	Baldwin	Q01P	Mobile Point
Alabama	Mobile	Q02	Dauphin Island
Alabama	Mobile	Q02P	Dauphin Island
Connecticut	New London	CT-01	Mason Island
Connecticut	New London	CT-02	Bluff Point
Connecticut	New London	CT-03	Old Black Point
Connecticut	New London	CT-04	Hatchett Point

State	County	Unit Number	Unit Name
Connecticut	New London	CT-05	Little Pond
Connecticut	New London	CT-06	Mile Creek
Connecticut	Middlesex, New London	CT-07	Griswold Point
Connecticut	Middlesex	CT-08	Cold Spring Brook
Connecticut	New Haven	CT-10	Toms Creek
Connecticut	New Haven	CT-11	Seaview Beach
Connecticut	New Haven	CT-12	Lindsey Cove
Connecticut	New Haven	CT-13	Kelsey Island
Connecticut	New Haven	CT-14P	Nathan Hale Park
Connecticut	New Haven	CT-15P	Morse Park
Connecticut	Fairfield	CT-18P	Long Beach
Connecticut	New Haven	CT-19P	East River Marsh
Connecticut	Fairfield	CT-20P	Calf Islands
Connecticut	New Haven	CT-21P	Silver Sands
Connecticut	New London	D08	Napatree
Connecticut	New London	E01	Wilcox Beach
Connecticut	New London	E01A	Ram Island
Connecticut	New London	E02	Goshen Cove

State	County	Unit Number	Unit Name
Connecticut	New London	E03	Jordan Cove
Connecticut	New London	E03A	Niantic Bay
Connecticut	Middlesex	E03B	Lynde Point
Connecticut	Middlesex	E04	Menunketesuck Island
Connecticut	Middlesex, New Haven	E05	Hammonasset Point
Connecticut	New Haven, Fairfield	E07	Milford Point
Connecticut	Fairfield	E08AP	Fayerweather Island
Delaware	Kent	DE-01	Little Creek
Delaware	Kent	DE-01P	Little Creek
Delaware	Sussex	DE-02P	Beach Plum Island
Delaware	Sussex	DE-03P	Cape Henlopen
Delaware	Sussex	DE-06	Silver Lake
Delaware	Sussex	DE-07	Delaware Seashore
Delaware	Sussex	DE-07P	Delaware Seashore
Delaware	Sussex	DE-08P	Fenwick Island
Delaware	Kent, New Castle	DE-09P	Woodland Beach
Delaware	Kent	DE-10	Fraland Beach
Delaware	Kent	DE-11P	Bombay Hook

State	County	Unit Number	Unit Name
Delaware	Fairfield	E09	Norwalk Islands
Delaware	Fairfield	E09P	Norwalk Islands
Delaware	Kent, Sussex	H00	Broadkill Beach
Delaware	Kent, Sussex	H00P	Broadkill Beach
Delaware	Sussex	H01	North Bethany Beach
Florida	Nassau	FL-01	Fort Clinch
Florida	Nassau	FL-01P	Fort Clinch
Florida	St. Johns	FL-03P	Guana River
Florida	Flagler	FL-06P	Washington Oaks
Florida	Brevard, Volusia	FL-07P	Canaveral
Florida	Santa Rosa	FL-100	Town Point
Florida	Santa Rosa	FL-101	Garcon Point
Florida	Santa Rosa	FL-102	Basin Bayou
Florida	Escambia	FL-103P	Perdido Key
Florida	Brevard	FL-13P	Spessard Holland Park
Florida	St. Lucie	FL-14P	Pepper Beach
Florida	Martin	FL-15	Blowing Rocks
Florida	Palm Beach	FL-16P	Jupiter Beach

State	County	Unit Number	Unit Name
Florida	Palm Beach	FL-17P	Carlin
Florida	Palm Beach	FL-18P	MacArthur Beach
Florida	Broward	FL-19P	Birch Park
Florida	Broward	FL-20P	Lloyd Beach
Florida	Dade	FL-21P	Haulover Beach
Florida	Dade	FL-22P	Virginia Beach/Crandon Park
Florida	Dade	FL-23P	Cape Florida
Florida	Dade	FL-34	Biscayne Bay
Florida	Dade	FL-34P	Biscayne Bay
Florida	Dade, Monroe	FL-35	North Key Largo
Florida	Monroe	FL-35P	North Key Largo
Florida	Monroe	FL-36P	El Radabob Key
Florida	Monroe	FL-37	Rodriguez Key
Florida	Monroe	FL-39	Tavernier Key
Florida	Monroe	FL-40	Snake Creek
Florida	Monroe	FL-41P	Lignumvitae/Shell Keys
Florida	Monroe	FL-42P	Long Key
Florida	Monroe	FL-43	Channel Key

State	County	Unit Number	Unit Name
Florida	Monroe	FL-44	Toms Harbor Keys
Florida	Monroe	FL-45	Deer/Long Point Keys
Florida	Monroe	FL-46	Boot Key
Florida	Monroe	FL-47P	Key Deer/White Heron
Florida	Monroe	FL-48P	Bahia Honda Key
Florida	Monroe	FL-50	No Name Key
Florida	Monroe	FL-51	Newfound Harbor Keys
Florida	Monroe	FL-52	Little Knockemdown/Torch Keys Complex
Florida	Monroe	FL-53	Budd Keys
Florida	Monroe	FL-54	Sugarloaf Sound
Florida	Monroe	FL-55	Saddlebunch Keys
Florida	Monroe	FL-57	Cow Key
Florida	Monroe	FL-59P	Fort Taylor
Florida	Monroe	FL-60P	Key West NWR
Florida	Monroe	FL-61P	Tortugas
Florida	Collier	FL-63P	Tigertail
Florida	Collier	FL-64P	Clam Pass

State	County	Unit Number	Unit Name
Florida	Collier	FL-65P	Wiggins Pass
Florida	Lee	FL-67	Bunche Beach
Florida	Lee	FL-67P	Bunche Beach
Florida	Lee	FL-70	Gasparilla Island
Florida	Lee	FL-70P	Gasparilla Island
Florida	Sarasota	FL-71P	Venice Inlet
Florida	Sarasota	FL-72P	Lido Key
Florida	Manatee	FL-73P	De Soto
Florida	Manatee	FL-78	Rattlesnake Key
Florida	Manatee	FL-80P	Passage Key
Florida	Hillsborough	FL-81	Egmont Key
Florida	Hillsborough	FL-81P	Egmont Key
Florida	Manatee	FL-82	Bishop Harbor
Florida	Hillsborough	FL-83	Cockroach Bay
Florida	Pinellas	FL-85P	Sand Key
Florida	Pinellas	FL-86P	Caladesi/Honeymoon Islands
Florida	Pinellas, Pasco	FL-87P	Ancote Key
Florida	Franklin	FL-89	Peninsula Point

State	County	Unit Number	Unit Name
Florida	Franklin	FL-90	St. George Island
Florida	Franklin	FL-90P	St. George Island
Florida	Franklin	FL-91P	St. Vincent Island
Florida	Gulf	FL-92	Indian Peninsula
Florida	Bay	FL-93	Phillips Inlet
Florida	Bay	FL-93P	Phillips Inlet
Florida	Walton	FL-94	Deer Lake Complex
Florida	Walton	FL-95P	Grayton Beach
Florida	Walton	FL-96	Draper Lake
Florida	Escambia, Santa Rosa	FL-97	Navarre Beach
Florida	Escambia, Santa Rosa	FL-98	Santa Rosa Island
Florida	Escambia, Santa Rosa	FL-98P	Santa Rosa Island
Florida	Santa Rosa	FL-99	Tom King
Florida	Nassau, Duval	P02	Talbot Islands Complex
Florida	Nassau, Duval	P02P	Talbot Islands Complex
Florida	St. Johns	P04A	Usinas Beach
Florida	St. Johns	P05	Conch Island
Florida	St. Johns, Flagler	P05A	Matanzas River

State	County	Unit Number	Unit Name
Florida	St. Johns	P05AP	Matanzas River
Florida	St. Johns	P05P	Conch Island
Florida	Volusia	P07	Ormond-by-the-Sea
Florida	Flagler	P07P	Ormond-by-the-Sea
Florida	Volusia	P08	Ponce Inlet
Florida	Volusia	P08P	Ponce Inlet
Florida	Brevard	P09A	Coconut Point
Florida	Brevard	P09AP	Coconut Point
Florida	Indian River	P10	Vero Beach
Florida	Indian River, St. Lucie	P10A	Blue Hole
Florida	Brevard, Indian River	P10P	Vero Beach
Florida	St. Lucie	P11	Hutchinson Island
Florida	Martin	P11A	Frank B. McGilvrey
Florida	Martin	P11AP	Joes Point
Florida	St. Lucie	P11P	Hutchinson Island
Florida	Martin	P12	Hobe Sound
Florida	Martin	P12P	Hobe Sound
Florida	Broward	P14A	North Beach

State	County	Unit Number	Unit Name
Florida	Collier	P15	Cape Romano
Florida	Collier	P15P	Cape Romano
Florida	Collier	P16	Keewaydin Island
Florida	Collier	P16P	Keewaydin Island
Florida	Lee	P17	Lovers Key Complex
Florida	Lee	P17A	Bodwitch Point
Florida	Lee	P17P	Lovers Key Complex
Florida	Lee	P18	Sanibel Island Complex
Florida	Lee	P18P	Sanibel Island Complex
Florida	Lee	P19	North Captiva Island
Florida	Lee	P19P	North Captiva Island
Florida	Lee	P20	Cayo Costa
Florida	Lee	P20P	Cayo Costa
Florida	Charlotte	P21	Bocilla Island
Florida	Sarasota	P21A	Manasota Key
Florida	Sarasota	P21AP	Manasota Key
Florida	Charlotte	P21P	Bocilla Island
Florida	Sarasota	P22	Casey Key

State	County	Unit Number	Unit Name
Florida	Manatee	P23	Longboat Key
Florida	Manatee	P23P	Longboat Key
Florida	Hillsborough, Pinellas	P24	The Reefs
Florida	Pinellas	P24A	Mandalay Point
Florida	Hillsborough, Pinellas	P24P	The Reefs
Florida	Levy	P25	Cedar Keys
Florida	Levy	P25P	Cedar Keys
Florida	Dixie	P26	Pepperfish Keys
Florida	Franklin, Wakulla	P27A	Ochlockonee Complex
Florida	Franklin	P28	Dog Island
Florida	Gulf	P30	Cape San Blas
Florida	Gulf	P30P	Cape San Blas
Florida	Bay	P31	St. Andrew Complex
Florida	Walton	P31A	Four Mile Village
Florida	Bay	P31P	St. Andrew Complex
Georgia	Bryan, Chatham	GA-02P	Ossabaw Island
Georgia	Liberty	GA-03P	St. Catherine Island
Georgia	McIntosh	GA-04P	Blackbeard/Sapelo Islands

State	County	Unit Number	Unit Name
Georgia	McIntosh	GA-05P	Altamaha/Wolf Islands
Georgia	Glynn	GA-06P	Jekyll Island
Georgia	Chatham	N01	Little Tybee Island
Georgia	Chatham	N01A	Wassaw Island
Georgia	Chatham	N01AP	Wassaw Island
Georgia	Glynn	N03	Little St. Simons Island
Georgia	Glynn	N04	Sea Island
Georgia	Camden	N05	Little Cumberland Island
Georgia	Walton, Okaloosa	P32	Moreno Point
Georgia	Okaloosa	P32P	Moreno Point
Louisiana	St. Bernard Parish	LA-01	Isle au Pitre
Louisiana	St. Bernard Parish	LA-02	Half Moon Island
Louisiana	Plaquemines Parish, St. Bernard Parish	LA-03P	Chandeleur Islands
Louisiana	Jefferson Parish	LA-04P	Grand Isle
Louisiana	Iberia Parish, Vermilion Parish	LA-05P	Marsh Island/Rainey
Louisiana	Vermilion Parish	LA-07	Freshwater Bayou
Louisiana	Vermilion Parish, Cameron Parish	LA-08P	Rockefeller

State	County	Unit Number	Unit Name
Louisiana	Cameron Parish	LA-09	Cameron
Louisiana	Cameron Parish	LA-10	Calcasieu Pass
Louisiana	Camden	N06	Cumberland Island
Louisiana	Camden	N06P	Cumberland Island
Louisiana	Plaquemines Parish	S01	Bastian Bay Complex
Louisiana	Plaquemines Parish	S01A	Bay Joe Wise Complex
Louisiana	Plaquemines Parish, Jefferson Parish	S02	Grand Terre Islands
Louisiana	Lafourche Parish	S03	Caminada
Louisiana	Lafourche Parish	S04	Timbalier Bay
Louisiana	Lafourche Parish, Terrebonne Parish	S05	Timbalier Islands
Louisiana	Terrebonne Parish	S06	Isles Dernieres
Louisiana	Terrebonne Parish, St. Mary Parish	S07	Point au Fer
Louisiana	Vermilion Parish	S08	Cheniere au Tigre
Louisiana	Vermilion Parish	S09	Rollover
Maine	Washington	A01	Lubec Barriers
Maine	Washington	A01A	Baileys Mistake
Maine	Washington	A03	Jasper

State	County	Unit Number	Unit Name
Maine	Washington	A03B	Starboard
Maine	Washington	A03C	Popplestone Beach/Roque Island
Maine	Waldo	A05A	Seven Hundred Acre Island
Maine	Sagadahoc	A05B	Head Beach
Maine	Cumberland	A05C	Jenks Landing/Waldo Point
Maine	Cumberland	A06	Cape Elizabeth
Maine	Cumberland	A07	Scarborough Beach
Maine	York	A08	Crescent Surf
Maine	York	A09	Seapoint
Maine	Washington	ME-01	Carrying Place Cove
Maine	Washington	ME-02	Birch Point
Maine	Washington	ME-03P	Grassy Point
Maine	Washington	ME-04	Seal Cove
Maine	Washington	ME-06	Bare Cove
Maine	Washington	ME-07P	Roque Bluffs
Maine	Washington	ME-08	Flake Point
Maine	Washington	ME-09P	Petit Manan/Bois Bubert

State	County	Unit Number	Unit Name
Maine	Washington	ME-10	Over Point
Maine	Washington	ME-10P	Over Point
Maine	Hancock	ME-11	Pond Island
Maine	Hancock	ME-12	Thrumcap
Maine	Knox	ME-14	Nash Point
Maine	Sagadahoc	ME-15P	Little River
Maine	Sagadahoc	ME-16	Hunnewell Beach
Maine	Sagadahoc	ME-16P	Hunnewell Beach
Maine	Sagadahoc	ME-17	Small Point Beach
Maine	Cumberland	ME-18	Stover Point
Maine	Cumberland	ME-19	Crescent Beach
Maine	Cumberland	ME-19P	Crescent Beach
Maine	York	ME-20P	Ogunquit Beach
Maine	York	ME-23	Phillips Cove
Maine	Cameron Parish	S10	Mermentau River
Maine	Cameron Parish	S11	Sabine
Maryland	Worcester	MD-01P	Assateague Island
Maryland	Somerset	MD-02	Fair Island

State	County	Unit Number	Unit Name
Maryland	Somerset	MD-03	Sound Shore
Maryland	Somerset	MD-03P	Sound Shore
Maryland	Somerset	MD-04P	Cedar/Janes Islands
Maryland	Somerset	MD-06	Joes Cove
Maryland	Somerset	MD-07P	Scott Point
Maryland	Somerset	MD-08P	Hazard Island
Maryland	Somerset	MD-09P	St. Pierre Point
Maryland	Somerset	MD-11	Little Deal Island
Maryland	Somerset	MD-12	Deal Island
Maryland	Somerset	MD-14	Franks Island
Maryland	Somerset	MD-14P	Franks Island
Maryland	Somerset	MD-15	Long Point
Maryland	Wicomico	MD-16	Stump Point
Maryland	Somerset	MD-17P	Martin
Maryland	Dorchester, Somerset	MD-18P	Marsh Island
Maryland	Dorchester	MD-19	Holland Island
Maryland	Dorchester	MD-20	Jenny Island
Maryland	Dorchester	MD-21P	Barren Island

State	County	Unit Number	Unit Name
Maryland	Dorchester	MD-22	Hooper Point
Maryland	Dorchester	MD-24	Covey Creek
Maryland	Talbot	MD-26	Boone Creek
Maryland	Talbot	MD-27	Benoni Point
Maryland	Talbot	MD-28	Lowes Point
Maryland	Talbot	MD-29	Rich Neck
Maryland	Queen Anne's	MD-30	Kent Point
Maryland	Queen Anne's	MD-32	Stevensville
Maryland	Queen Anne's	MD-33	Wesley Church
Maryland	Queen Anne's, Kent	MD-34P	Eastern Neck Island
Maryland	Kent	MD-35	Wilson Point
Maryland	Calvert	MD-37P	Flag Ponds
Maryland	Calvert	MD-38	Cove Point Marsh
Maryland	Calvert	MD-38P	Cove Point Marsh
Maryland	Calvert	MD-39	Drum Point
Maryland	St. Mary's	MD-40	Lewis Creek
Maryland	St. Mary's	MD-41	Green Holly Pond
Maryland	St. Mary's	MD-44	St. Clarence Creek

State	County	Unit Number	Unit Name
Maryland	St. Mary's	MD-45	Deep Point
Maryland	St. Mary's	MD-46	Point Look-In
Maryland	St. Mary's	MD-47	Tanner Creek
Maryland	St. Mary's	MD-48P	Point Lookout
Maryland	St. Mary's	MD-49	Bisco Creek
Maryland	St. Mary's	MD-50	Chicken Cock Creek
Maryland	St. Mary's	MD-51	Piney Point Creek
Maryland	St. Mary's	MD-52	McKay Cove
Maryland	St. Mary's	MD-53	Blake Creek
Maryland	St. Mary's	MD-54	Belvedere Creek
Maryland	St. Mary's	MD-55P	St. Clements Island
Maryland	St. Mary's	MD-56	St. Catherine Island
Maryland	Dorchester	MD-58	Lower Hooper Island
Maryland	Dorchester	MD-59	Meekins Neck
Maryland	Talbot	MD-60	Chlora Point
Maryland	St. Mary's	MD-61P	Biscoe Pond
Maryland	St. Mary's	MD-62	Carroll Pond
Maryland	St. Mary's	MD-63	Potter Creek

State	County	Unit Number	Unit Name
Maryland	St. Mary's	MD-64	Cherryfield
Maryland	Charles	MD-65	Swan Point
Maryland	Charles	MD-66	Lower Cedar Point
Massachusetts	Essex	C00	Clark Pond
Massachusetts	Essex	C01	Wingersheek
Massachusetts	Essex	C01A	Good Harbor Beach/Milk Island
Massachusetts	Essex	C01B	Brace Cove
Massachusetts	Suffolk	C01C	West Head Beach
Massachusetts	Suffolk	C01CP	West Head Beach
Massachusetts	Plymouth	C02P	North Scituate
Massachusetts	Plymouth	C03	Rivermoor
Massachusetts	Plymouth	C03A	Rexhame
Massachusetts	Plymouth	C04	Plymouth Bay
Massachusetts	Plymouth	C06	Center Hill Complex
Massachusetts	Barnstable	C08	Scorton
Massachusetts	Barnstable	C09	Sandy Neck
Massachusetts	Barnstable	C09P	Sandy Neck
Massachusetts	Barnstable	C10	Freemans Pond

State	County	Unit Number	Unit Name
Massachusetts	Barnstable	C11	Namskaket Spits
Massachusetts	Barnstable	C11A	Boat Meadow
Massachusetts	Barnstable	C11AP	Boat Meadow
Massachusetts	Barnstable	C11P	Namskaket Spits
Massachusetts	Barnstable	C12	Chatham Roads
Massachusetts	Barnstable	C12P	Chatham Roads
Massachusetts	Barnstable	C13	Lewis Bay
Massachusetts	Barnstable	C13P	Lewis Bay
Massachusetts	Barnstable	C14	Halls Island
Massachusetts	Barnstable	C15	Centerville
Massachusetts	Barnstable	C15P	Centerville
Massachusetts	Barnstable	C16	Dead Neck
Massachusetts	Barnstable	C17	Popponeset Spit
Massachusetts	Barnstable	C18	Waquoit Bay
Massachusetts	Barnstable	C18A	Falmouth Ponds
Massachusetts	Barnstable	C19	Black Beach
Massachusetts	Plymouth	C19A	Buzzards Bay Complex
Massachusetts	Plymouth	C19AP	Buzzards Bay Complex

State	County	Unit Number	Unit Name
Massachusetts	Barnstable	C19P	Little Sippewisset Marsh
Massachusetts	Nantucket	C20	Coatue
Massachusetts	Nantucket	C20P	Coatue
Massachusetts	Nantucket	C21	Sesachacha Pond
Massachusetts	Nantucket	C22P	Cisco Beach
Massachusetts	Nantucket	C23	Esther Island Complex
Massachusetts	Nantucket	C23P	Esther Island Complex
Massachusetts	Nantucket	C24	Tuckernuck Island
Massachusetts	Nantucket	C25	Muskeget Island
Massachusetts	Dukes	C26	Eel Pond Beach
Massachusetts	Dukes	C27	Cape Poge
Massachusetts	Dukes	C28	South Beach
Massachusetts	Dukes	C29	Squibnocket Complex
Massachusetts	Dukes	C29A	James Pond
Massachusetts	Dukes	C29B	Mink Meadows
Massachusetts	Dukes	C29P	Squibnocket Complex
Massachusetts	Dukes	C31	Elizabeth Islands
Massachusetts	Bristol	C31A	West Sconticut Neck

State	County	Unit Number	Unit Name
Massachusetts	Bristol	C31AP	West Scoticut Neck
Massachusetts	Bristol	C31B	Harbor View
Massachusetts	Bristol	C32	Mishaum Point
Massachusetts	Bristol	C33	Little Beach
Massachusetts	Bristol	C34	Horseneck Beach
Massachusetts	Bristol	C34A	Cedar Cove
Massachusetts	Bristol	C34P	Horseneck Beach
Massachusetts	Bristol	C35	Richmond/Cockeast Ponds
Massachusetts	Bristol	D01	Little Compton Ponds
Massachusetts	Essex	MA-01P	Salisbury Beach
Massachusetts	Essex	MA-02P	Plum Island
Massachusetts	Essex	MA-03	Castle Neck
Massachusetts	Essex	MA-04	West Beach
Massachusetts	Essex	MA-06	Phillips Beach
Massachusetts	Suffolk	MA-08P	Snake Island
Massachusetts	Norfolk	MA-09P	Squantum
Massachusetts	Norfolk	MA-10P	Merrymount Park
Massachusetts	Plymouth, Norfolk, Suffolk	MA-11	Peddocks/Rainsford Islands

State	County	Unit Number	Unit Name
Massachusetts	Plymouth, Norfolk	MA-11P	Peddocks/Rainsford Islands
Massachusetts	Plymouth, Norfolk	MA-12	Cohasset Harbor
Massachusetts	Plymouth	MA-13	Duxbury Beach
Massachusetts	Plymouth	MA-13P	Duxbury Beach
Massachusetts	Barnstable	MA-14P	Town Neck
Massachusetts	Barnstable	MA-15P	Chapin Beach
Massachusetts	Barnstable	MA-16	Nobscusset
Massachusetts	Barnstable	MA-17AP	Lieutenant Island
Massachusetts	Barnstable	MA-17P	Griffin/Great Islands Complex
Massachusetts	Barnstable	MA-18AP	Pamet Harbor
Massachusetts	Barnstable	MA-18P	Ballston Beach
Massachusetts	Barnstable	MA-19P	Provincetown
Massachusetts	Barnstable	MA-20P	Nauset Beach/Monomoy
Massachusetts	Barnstable	MA-23P	Davis Beach
Massachusetts	Dukes	MA-24	Naushon Island Complex
Massachusetts	Dukes	MA-25P	Penikese Island
Massachusetts	Dukes	MA-26	Harthaven
Massachusetts	Dukes	MA-27	Trapps Pond

State	County	Unit Number	Unit Name
Massachusetts	Dukes	MA-27P	Edgartown Beach
Massachusetts	Dukes	MA-28P	Norton Point
Massachusetts	Dukes	MA-29P	Nomans Land
Massachusetts	Barnstable	MA-30	Herring Brook
Massachusetts	Barnstable	MA-31	Squeteague Harbor
Massachusetts	Barnstable	MA-32	Bassetts Island
Massachusetts	Barnstable	MA-33	Phinneys Harbor
Massachusetts	Plymouth	MA-35	Planting Island
Massachusetts	Bristol	MA-36	Round Hill
Massachusetts	Bristol	MA-37P	Demarest Lloyd Park
Massachusetts	Barnstable	MA-38P	Scusset Beach
Massachusetts	Barnstable	MA-40P	Harding Beach
Massachusetts	Barnstable	MA-41P	Red River Beach
Massachusetts	Barnstable	MA-42P	Quissett Beach/Falmouth Beach
Massachusetts	Barnstable	MA-43	Chapoquoit Beach
Massachusetts	Barnstable	MA-43P	Chapoquoit Beach
Massachusetts	Bristol	MA-45P	Round Hill Point

State	County	Unit Number	Unit Name
Massachusetts	Bristol	MA-46	Teal Pond
Massachusetts	Bristol, Plymouth	MA-47P	Little Bay
Massachusetts	Essex	MA-48	Cape Hedge Beach
Michigan	Monroe	MI-02	Toledo Beach
Michigan	Monroe	MI-03	Enrico Fermi
Michigan	Wayne	MI-04	Sturgeon Bar
Michigan	Huron	MI-05	Huron City
Michigan	Huron	MI-06	Alaska Bay
Michigan	Huron	MI-07	Pointe aux Barques
Michigan	Arenac	MI-08	Charity Island
Michigan	Alpena	MI-13	Squaw Bay
Michigan	Alpena	MI-14	Whitefish Bay
Michigan	Presque Isle	MI-17	Swan Lake
Michigan	Benzie	MI-20	Lower Herring Lake
Michigan	Manistee	MI-21	Arcadia Lake
Michigan	Muskegon	MI-22	Sadony Bayou
Michigan	Menominee	MI-24	Deadmans Point
Michigan	Delta	MI-25	Squaw Point

State	County	Unit Number	Unit Name
Michigan	Schoolcraft	MI-28	Goadreaus Harbor
Michigan	Schoolcraft	MI-29	Seul Choix
Michigan	Mackinac	MI-31	Fox Point
Michigan	Mackinac	MI-32	McNeil Creek
Michigan	Mackinac	MI-33	Millecoquins Point
Michigan	Mackinac	MI-34	East Mile Creek
Michigan	Mackinac	MI-35	Mattix Creek
Michigan	Mackinac	MI-36	Borgstrom Creek
Michigan	Mackinac	MI-37	Davenport Creek
Michigan	Mackinac	MI-38	Hudson
Michigan	Mackinac	MI-39	Epoufette
Michigan	Mackinac	MI-40	Green Island
Michigan	Mackinac	MI-41	Big St. Martin Island
Michigan	Mackinac	MI-42	Bass Cove Lake
Michigan	Mackinac	MI-43	Whitefish Point
Michigan	Mackinac	MI-44	Albany Island
Michigan	Chippewa	MI-45	St. Vital Bay
Michigan	Chippewa	MI-46	Espanore Lake

State	County	Unit Number	Unit Name
Michigan	Chippewa	MI-49	Shelldrake
Michigan	Chippewa	MI-51	Marsh Lake
Michigan	Chippewa	MI-52	Superior
Michigan	Chippewa	MI-53	Vermilion
Michigan	Luce	MI-55	Little Two Hearted River
Michigan	Alger	MI-59	Laughing Whitefish River
Michigan	Marquette	MI-62	Saux Head
Michigan	Marquette	MI-63	Iron River
Michigan	Marquette	MI-64	Squaw Beach
Michigan	Marquette	MI-65	Salmon Trout Bay
Michigan	Baraga	MI-66	Lightfoot Bay
Michigan	Keweenaw	MI-71	Jacobs Creek
Michigan	Keweenaw	MI-74	Gratiot River
Minnesota	St. Louis	MN-01	Minnesota Point
Mississippi	Jackson, Harrison	MS-01P	Gulf Islands
Mississippi	Jackson	MS-02	Marsh Point
Mississippi	Hancock	MS-04	Heron Bay Point
Mississippi	Jackson	R01	Round Island

State	County	Unit Number	Unit Name
Mississippi	Jackson	R01A	Belle Fontaine Point
Mississippi	Harrison	R02	Deer Island
Mississippi	Harrison	R03	Cat Island
New Hampshire	Rockingham	NH-01P	Odiorne Point
New Jersey	Suffolk	F01	Fisher Island Barriers
New Jersey	Suffolk	F02	Eatons Neck
New Jersey	Monmouth	NJ-01P	Sandy Hook
New Jersey	Middlesex	NJ-02	Seidler Beach
New Jersey	Middlesex	NJ-02P	Seidler Beach
New Jersey	Monmouth	NJ-03P	Cliffwood Beach
New Jersey	Monmouth	NJ-04	Conaskonk Point
New Jersey	Monmouth	NJ-04A	Navesink/Shrewsbury Complex
New Jersey	Monmouth	NJ-04AP	Navesink/Shrewsbury Complex
New Jersey	Ocean	NJ-04B	Metedeconk Neck
New Jersey	Ocean	NJ-04BP	Metedeconk Neck
New Jersey	Ocean	NJ-05P	Island Beach
New Jersey	Ocean	NJ-06	Cedar Bonnet Island
New Jersey	Ocean	NJ-06P	Cedar Bonnet Island

State	County	Unit Number	Unit Name
New Jersey	Atlantic, Burlington, Ocean	NJ-07P	Brigantine
New Jersey	Cape May	NJ-08P	Corson's Inlet
New Jersey	Cape May	NJ-09	Stone Harbor
New Jersey	Cape May	NJ-09P	Stone Harbor
New Jersey	Cape May	NJ-10P	Cape May
New Jersey	Cape May	NJ-11P	Higbee Beach
New Jersey	Cape May	NJ-12	Del Haven
New Jersey	Cape May	NJ-12P	Del Haven
New Jersey	Cape May	NJ-13	Kimbles Beach
New Jersey	Cape May, Cumberland	NJ-14	Moores Beach
New Jersey	Cape May, Cumberland	NJ-14P	Moores Beach
New Jersey	Middlesex	NJ-15P	Sayreville
New Jersey	Monmouth	NJ-16P	Matawan Point
New Jersey	Monmouth	NJ-17P	Monmouth Cove
New Jersey	Atlantic, Cape May	NJ-19P	Malibu Beach
New Jersey	Cape May	NJ-20P	Two Mile Beach
New Jersey	Cape May	NJ-21P	Sunray Beach
New Jersey	Cumberland	NJ-22P	Egg Island

State	County	Unit Number	Unit Name
New Jersey	Cumberland	NJ-23P	Dix
New Jersey	Cumberland, Salem	NJ-24P	Greenwich
New York	Suffolk	F04P	Crane Neck
New York	Suffolk	F05	Old Field Beach
New York	Suffolk	F05P	Old Field Beach
New York	Suffolk	F06	Shelter Island Barriers
New York	Suffolk	F08A	Sammys Beach
New York	Suffolk	F08B	Accabonac Harbor
New York	Suffolk	F09	Gardiners Island Barriers
New York	Suffolk	F10	Napeague
New York	Suffolk	F10P	Napeague
New York	Suffolk	F11	Mecox
New York	Suffolk	F12	Southampton Beach
New York	Suffolk	F13	Tiana Beach
New York	Suffolk	F13P	Tiana Beach
New York	Nassau	NY-03	Sands Point
New York	Nassau	NY-04P	Prospect Point
New York	Nassau	NY-05P	Dosoris Pond

State	County	Unit Number	Unit Name
New York	Nassau	NY-06	The Creek Beach
New York	Nassau	NY-06P	The Creek Beach
New York	Nassau	NY-07P	Centre Island Beach
New York	Nassau, Suffolk	NY-09P	Lloyd Beach
New York	Nassau, Suffolk	NY-10	Lloyd Point
New York	Nassau, Suffolk	NY-10P	Lloyd Point
New York	Suffolk	NY-11	Lloyd Harbor
New York	Nassau, Suffolk	NY-11P	Lloyd Harbor
New York	Suffolk	NY-12	Centerpoint Harbor
New York	Suffolk	NY-13	Hobart Beach
New York	Suffolk	NY-14	Crab Meadow
New York	Suffolk	NY-15	Sunken Meadow
New York	Suffolk	NY-15P	Sunken Meadow
New York	Suffolk	NY-16	Stony Brook Harbor
New York	Suffolk	NY-16P	Stony Brook Harbor
New York	Suffolk	NY-17	Cedar Beach
New York	Suffolk	NY-17P	Cedar Beach
New York	Suffolk	NY-18	Wading River

State	County	Unit Number	Unit Name
New York	Suffolk	NY-19P	Baiting Hollow
New York	Suffolk	NY-20P	Luce Landing
New York	Suffolk	NY-21P	Mattituck Inlet
New York	Suffolk	NY-22P	Goldsmith Inlet
New York	Suffolk	NY-23	Truman Beach
New York	Suffolk	NY-23P	Truman Beach
New York	Suffolk	NY-24	Plum Island
New York	Suffolk	NY-25P	Orient Beach
New York	Suffolk	NY-26	Pipes Cove
New York	Suffolk	NY-27	Conkling Point
New York	Suffolk	NY-28	Southhold Bay
New York	Suffolk	NY-29P	Cedar Beach Point
New York	Suffolk	NY-30	Hog Neck Bay
New York	Suffolk	NY-31	Little Creek
New York	Suffolk	NY-31A	Cutchogue Harbor
New York	Suffolk	NY-31P	Little Creek
New York	Suffolk	NY-32	Downs Creek
New York	Suffolk	NY-33	Robins Island

State	County	Unit Number	Unit Name
New York	Suffolk	NY-34P	East Creek
New York	Suffolk	NY-35P	Indian Island
New York	Suffolk	NY-36	Flanders Bay
New York	Suffolk	NY-36P	Flanders Bay
New York	Suffolk	NY-37	Red Creek Pond
New York	Suffolk	NY-38	Squire Pond
New York	Suffolk	NY-39	Cow Neck
New York	Suffolk	NY-40	North Sea Harbor
New York	Suffolk	NY-40P	North Sea Harbor
New York	Suffolk	NY-41P	Clam Island
New York	Suffolk	NY-42	Mill Creek
New York	Suffolk	NY-43	Short Beach
New York	Suffolk	NY-43P	Short Beach
New York	Suffolk	NY-44	Gleason Point
New York	Suffolk	NY-45	Shell Beach
New York	Suffolk	NY-46	Crab Creek
New York	Suffolk	NY-47	Hay Beach Point
New York	Suffolk	NY-48	Mashomack Point

State	County	Unit Number	Unit Name
New York	Suffolk	NY-49	Smith Cove
New York	Suffolk	NY-50	Fresh Pond
New York	Suffolk	NY-51P	Northwest Harbor
New York	Suffolk	NY-52	Hog Creek
New York	Suffolk	NY-53P	Big Reed Pond
New York	Suffolk	NY-54P	Oyster Pond
New York	Suffolk	NY-55P	Montauk Point
New York	Suffolk	NY-56	Amagansett
New York	Suffolk	NY-56P	Amagansett
New York	Suffolk	NY-57	Georgica/Wainscott Ponds
New York	Suffolk	NY-58	Sagaponack Pond
New York	Suffolk	NY-58P	Sagaponack Pond
New York	Nassau, Suffolk	NY-59	Fire Island
New York	Nassau, Suffolk	NY-59P	Fire Island
New York	Nassau, Kings, Queens	NY-60P	Jamaica Bay
New York	Jefferson	NY-61	Wilson Bay
New York	Jefferson	NY-62	Grenadier Island
New York	Jefferson	NY-63	Fox Island

State	County	Unit Number	Unit Name
New York	Jefferson	NY-64	The Isthmus
New York	Jefferson	NY-65	Point Peninsula
New York	Jefferson	NY-66	Hounsfield
New York	Jefferson	NY-67	Dutch John Bay
New York	Jefferson	NY-68	Sherwin Bay
New York	Jefferson	NY-69	Association Island
New York	Jefferson, Oswego	NY-72	North Pond
New York	Oswego	NY-73	Deer Creek Marsh
New York	Oswego	NY-74	Grindstone Creek
New York	Oswego	NY-75	Butterfly Swamp
New York	Oswego	NY-76	Walker
New York	Oswego	NY-77	Snake Swamp
New York	Cayuga	NY-78	Juniper Pond
New York	Cayuga, Wayne	NY-79	Blind Sodus Bay
New York	Wayne	NY-82	Port Bay
New York	Wayne	NY-84	Maxwell Bay
New York	Monroe	NY-86	Bogus Point
New York	Erie	NY-87	Big Sister Creek

State	County	Unit Number	Unit Name
New York	Nassau	NY-88	Centre Island
New York	Suffolk	NY-89	Duck Island Harbor
New York	Suffolk	NY-90P	Peconic Dunes
New York	Suffolk	NY-92	Cold Spring Pond
New York	Suffolk	NY-93	South Ferry
New York	Suffolk	NY-94	Log Cabin Creek
New York	Suffolk	NY-95P	Little Northwest Creek
New York	Suffolk	NY-96P	Dennistown Bell Park
New York	Suffolk	NY-97P	Iron Point
North Carolina	Currituck	L01	Currituck Banks
North Carolina	Currituck	L01P	Currituck Banks
North Carolina	Dare	L03	Hatteras Island
North Carolina	Carteret	L03AP	Shackleford Banks
North Carolina	Onslow	L05	Onslow Beach Complex
North Carolina	Onslow	L06	Topsail
North Carolina	New Hanover, Pender	L07	Lea Island Complex
North Carolina	New Hanover	L08	Wrightsville Beach
North Carolina	New Hanover	L09	Masonboro Island

State	County	Unit Number	Unit Name
North Carolina	Brunswick	M01	Waites Island Complex
North Carolina	Currituck	NC-01	Pine Island Bay
North Carolina	Currituck	NC-01P	Pine Island Bay
North Carolina	Dare	NC-02	Nags Head Woods
North Carolina	Dare, Hyde, Carteret	NC-03P	Cape Hatteras
North Carolina	Carteret	NC-04P	Fort Macon
North Carolina	Carteret	NC-05P	Roosevelt Natural Area
North Carolina	Carteret, Onslow	NC-06P	Hammocks Beach
North Carolina	New Hanover, Brunswick	NC-07P	Cape Fear
Ohio	Lake	OH-01	Arcola Creek
Ohio	Lake	OH-02	Mentor
Ohio	Erie	OH-03	North Pond
Ohio	Erie	OH-04	Old Woman Creek
Ohio	Erie	OH-05	Sheldon Marsh
Ohio	Ottawa	OH-06	Bay Point
Ohio	Ottawa	OH-07	Middle Bass Island
Ohio	Ottawa	OH-08	North Bass Island
Ohio	Ottawa	OH-09	Fox Marsh

State	County	Unit Number	Unit Name
Ohio	Ottawa	OH-10	Toussaint River
Puerto Rico	Rio Grande	PR-02	Ensenada Comezon
Puerto Rico	Rio Grande, Luquillo	PR-03	Rio Mameyes
Puerto Rico	Luquillo	PR-04P	Punta la Bandera
Puerto Rico	Luquillo	PR-05	Luquillo Spit
Puerto Rico	Luquillo	PR-06	Juan Martin Spit
Puerto Rico	Fajardo	PR-07	Laguna Aquas Prietas
Puerto Rico	Fajardo	PR-08A	La Cordillera
Puerto Rico	Fajardo	PR-08AP	La Cordillera
Puerto Rico	Fajardo	PR-08P	Cabo San Juan
Puerto Rico	Fajardo	PR-09P	Rio Fajardo
Puerto Rico	Fajardo	PR-10	Punta Barrancas
Puerto Rico	Culebra	PR-12P	Playa Flamenco
Puerto Rico	Culebra	PR-13P	Playa Brava
Puerto Rico	Culebra	PR-14P	Playa Larga
Puerto Rico	Culebra	PR-15P	Isla Culebrita
Puerto Rico	Culebra	PR-16P	Puerto del Manglar
Puerto Rico	Vieques	PR-17P	Ensenada Sombe

State	County	Unit Number	Unit Name
Puerto Rico	Naguabo	PR-18P	Cayo Algodones
Puerto Rico	Yabucoa	PR-39	Puerto Yabucoa
Puerto Rico	Maunabo	PR-40	Punta Tuna
Puerto Rico	Maunabo	PR-41	Rio Maunabo
Puerto Rico	Patillas	PR-42	Punta Viento
Puerto Rico	Arroyo, Patillas	PR-43	Punta Guilarte
Puerto Rico	Arroyo, Patillas	PR-43P	Punta Guilarte
Puerto Rico	Guayama	PR-44	Las Mareas
Puerto Rico	Guayama	PR-45	Bahia de Jobos
Puerto Rico	Guayama, Salinas	PR-45P	Bahia de Jobos
Puerto Rico	Salinas	PR-46	Cayos de Barca/Ratones Complex
Puerto Rico	Salinas	PR-47	Arenal
Puerto Rico	Salinas	PR-48P	Arrecife Media Luna
Puerto Rico	Santa Isabel	PR-49P	Punta Aguila
Puerto Rico	Santa Isabel	PR-50	Chardon
Puerto Rico	Juana Diaz	PR-50P	Cayo Berberia
Puerto Rico	Juana Diaz, Santa Isabel	PR-51	Rio Descalabrado

State	County	Unit Number	Unit Name
Puerto Rico	Juana Diaz	PR-52	Punta Pastillo
Puerto Rico	Juana Diaz	PR-53	Bajio de Marea
Puerto Rico	Ponce	PR-54	Rio Jacaguas
Puerto Rico	Ponce	PR-55	Isla del Frio
Puerto Rico	Ponce	PR-56	Punta Cabullones
Puerto Rico	Ponce	PR-57	Punta Cucharas
Puerto Rico	Ponce	PR-57P	Punta Cucharas
Puerto Rico	Penuelas	PR-58P	Bahia de Tallaboa
Puerto Rico	Yauco, Guanica	PR-59	Punta Ballena
Puerto Rico	Guanica	PR-60P	Punta Jacinto
Puerto Rico	Guanica	PR-61	Ensenada las Pardas
Puerto Rico	Guanica	PR-62P	Punta Manglillo
Puerto Rico	Guanica	PR-63P	Cayo don Luis
Puerto Rico	Guanica, Lajas	PR-64P	Bahia Montalva
Puerto Rico	Lajas, Cabo Rojo	PR-65P	Isla Cueva/Guayacan
Puerto Rico	Cabo Rojo	PR-66	Cabo Rojo
Puerto Rico	Cabo Rojo	PR-66P	Cabo Rojo
Puerto Rico	Cabo Rojo	PR-67P	Bahia de Boqueron

State	County	Unit Number	Unit Name
Puerto Rico	Cabo Rojo	PR-68	Boca Prieta
Puerto Rico	Cabo Rojo	PR-69	Punta Carenero
Puerto Rico	Cabo Rojo	PR-70	Belvedere
Puerto Rico	Mayaguez	PR-72	Rio Guanajibo
Puerto Rico	Aguadilla	PR-75	Espinar
Puerto Rico	Aguadilla	PR-75P	Espinar
Puerto Rico	Aguadilla	PR-76	Punta Agujereada
Puerto Rico	Isabela	PR-77	Bajura
Puerto Rico	Isabela	PR-78	Coto
Puerto Rico	Hatillo	PR-79	Penon Brusi
Puerto Rico	Hatillo	PR-80	Punta Maracayo
Puerto Rico	Arecibo	PR-81	Puerto de Arecibo
Puerto Rico	Manati	PR-82P	Punta Manati
Puerto Rico	Manati, Vega Baja	PR-83	Tortuguero
Puerto Rico	Vega Baja	PR-84	Punta Garza
Puerto Rico	Toa Baja	PR-86P	Punta Salinas
Puerto Rico	Carolina, Loiza	PR-87	Punta Vacia Talega
Puerto Rico	Loiza	PR-87P	Punta Vacia Talega

State	County	Unit Number	Unit Name
Rhode Island	Newport	D01	Little Compton Ponds
Rhode Island	Newport	D01P	Tunipus Pond
Rhode Island	Newport	D02	Fogland Marsh
Rhode Island	Bristol, Kent, Newport, Providence, Washington	D02B	Prudence Island Complex
Rhode Island	Bristol, Kent, Newport	D02BP	Prudence Island Complex
Rhode Island	Washington	D02C	West Narragansett Bay Complex
Rhode Island	Newport	D02P	Fogland Marsh
Rhode Island	Washington	D03	Card Ponds
Rhode Island	Washington	D03P	Card Ponds
Rhode Island	Washington	D04	Green Hill Beach
Rhode Island	Washington	D05P	East Beach
Rhode Island	Washington	D06	Quonochontaug Beach
Rhode Island	Washington	D06P	Quonochontaug Beach
Rhode Island	Washington	D07	Maschaug Ponds
Rhode Island	Washington	D08	Napatree
Rhode Island	Washington	D08P	Napatree
Rhode Island	Washington	D09	Block Island

State	County	Unit Number	Unit Name
Rhode Island	Washington	D09P	Block Island
Rhode Island	Newport	RI-01	Brown Point
Rhode Island	Newport	RI-02	Sapowet Point
Rhode Island	Newport	RI-02A	McCorrie Point
Rhode Island	Newport	RI-02P	Sapowet Point
Rhode Island	Newport	RI-03P	Sandy Point
Rhode Island	Newport	RI-04P	Sachuest Point
Rhode Island	Newport	RI-05P	Easton Beach
Rhode Island	Newport	RI-06	Almy Pond
Rhode Island	Newport	RI-07	Hazards Beach
Rhode Island	Newport	RI-08	Fox Hill Marsh
Rhode Island	Newport	RI-08P	Fox Hill Marsh
Rhode Island	Washington	RI-09	Bonnet Shores Beach
Rhode Island	Washington	RI-10	Narragansett Beach
Rhode Island	Washington	RI-10P	Narragansett Beach
Rhode Island	Washington	RI-11P	Seaweed Beach
Rhode Island	Washington	RI-12P	East Matunuck Beach
Rhode Island	Washington	RI-13P	Misquamicut Beach

State	County	Unit Number	Unit Name
Rhode Island	Washington	RI-14P	Point Judith
South Carolina	Horry	M01	Waites Island Complex
South Carolina	Georgetown	M02	Litchfield Beach
South Carolina	Georgetown	M03	Pawleys Inlet
South Carolina	Georgetown	M04	Debidue Beach
South Carolina	Charleston	M05	Dewees Island
South Carolina	Charleston	M06	Morris Island Complex
South Carolina	Charleston	M06P	Morris Island Complex
South Carolina	Charleston	M07	Bird Key Complex
South Carolina	Charleston	M07P	Bird Key Complex
South Carolina	Charleston	M08	Captain Sams Inlet
South Carolina	Colleton, Charleston	M09	Edisto Complex
South Carolina	Colleton	M09P	Edisto Complex
South Carolina	Colleton	M10	Otter Island
South Carolina	Beaufort	M11	Harbor Island
South Carolina	Beaufort	M12	St. Phillips Island
South Carolina	Beaufort	M12P	St. Phillips Island
South Carolina	Beaufort	M13	Daufuskie Island

State	County	Unit Number	Unit Name
South Carolina	Horry	SC-01	Long Pond
South Carolina	Georgetown	SC-03	Huntington Beach
South Carolina	Georgetown	SC-04	North/South Islands
South Carolina	Georgetown, Charleston	SC-05P	Santee
South Carolina	Charleston	SC-06P	Cape Romain
South Carolina	Charleston	SC-07P	Capers Island
South Carolina	Beaufort	SC-09P	Hunting Island
South Carolina	Jasper	SC-10P	Turtle Island
Texas	Jefferson	T01	Sea Rim
Texas	Jefferson	T01P	Sea Rim
Texas	Chambers, Jefferson, Galveston	T02A	High Island
Texas	Galveston	T03A	Bolivar Peninsula
Texas	Galveston	T03AP	Bolivar Peninsula
Texas	Brazoria	T04	Follets Island
Texas	Brazoria	T04P	Follets Island
Texas	Brazoria	T05	Brazos River Complex
Texas	Brazoria	T05P	Brazos River Complex
Texas	Matagorda, Brazoria	T06	Sargent Beach

State	County	Unit Number	Unit Name
Texas	Matagorda, Brazoria	T06P	Sargent Beach
Texas	Matagorda, Calhoun	T07	Matagorda Peninsula
Texas	Matagorda, Calhoun	T07P	Matagorda Peninsula
Texas	Calhoun, Aransas	T08	San Jose Island Complex
Texas	Calhoun, Aransas, Nueces	T08P	San Jose Island Complex
Texas	Kleberg	T10	North Padre Island
Texas	Kleberg, Willacy, Kennedy	T10P	North Padre Island
Texas	Willacy, Cameron	T11	South Padre Island
Texas	Willacy, Cameron	T11P	South Padre Island
Texas	Cameron	T12	Boca Chica
Texas	Cameron	T12P	Boca Chica
Texas	Jefferson	TX-02P	McFaddin
Texas	Galveston	TX-04	Swan Lake
Texas	Galveston	TX-04P	Swan Lake
Texas	Galveston	TX-05P	Galveston Island
Texas	Calhoun, Aransas	TX-06P	Matagorda Island
Texas	Matagorda	TX-09	Coon Island Bay
Texas	Matagorda	TX-10	Shell Beach

State	County	Unit Number	Unit Name
Texas	Nueces	TX-15P	Mustang Island
Texas	Nueces	TX-16P	Four Mile Hill
Texas	Nueces	TX-17	Shamrock Island
Texas	Nueces	TX-17P	Shamrock Island
Texas	Kleberg	TX-19	Starvation Point
Texas	Kennedy, Kleberg	TX-21	Kleberg Point
Texas	Cameron	TX-22P	Andy Bowie
U.S. Virgin Islands	St. Croix	VI-01	Rust Up Twist
U.S. Virgin Islands	St. Croix	VI-02	Salt River Bay
U.S. Virgin Islands	St. Croix	VI-03	Altona Lagoon
U.S. Virgin Islands	St. Croix	VI-04	Southgate Pond
U.S. Virgin Islands	St. Croix	VI-04P	Southgate Pond
U.S. Virgin Islands	St. Croix	VI-05	Coakley Bay
U.S. Virgin Islands	St. Croix	VI-06	Robin Bay

State	County	Unit Number	Unit Name
U.S. Virgin Islands	St. Croix	VI-07	Great Pond
U.S. Virgin Islands	St. Croix	VI-08	Canegarden Bay
U.S. Virgin Islands	St. Croix	VI-09	Krause Lagoon
U.S. Virgin Islands	St. Croix	VI-10	Long Point
U.S. Virgin Islands	St. Croix	VI-11	Westend Saltpond
U.S. Virgin Islands	St. Croix	VI-11P	Westend Saltpond
U.S. Virgin Islands	St. John	VI-12P	Cinnamon Bay
U.S. Virgin Islands	St. John	VI-13P	Maho Bay
U.S. Virgin Islands	St. John	VI-14P	Francis Bay
U.S. Virgin Islands	St. John	VI-15P	Leinster Bay
U.S. Virgin Islands	St. John	VI-16	Newfound Bay
U.S. Virgin Islands	St. John	VI-17	Pond Bay

State	County	Unit Number	Unit Name
U.S. Virgin Islands	St. John	VI-18	Lagoon Point
U.S. Virgin Islands	St. John	VI-19P	Ram Head
U.S. Virgin Islands	St. John	VI-20P	Kiddel Bay
U.S. Virgin Islands	St. John	VI-21P	Grootpan Bay
U.S. Virgin Islands	St. John	VI-22P	Great Lameshur Bay
U.S. Virgin Islands	St. John	VI-23P	Europa Bay
U.S. Virgin Islands	St. John	VI-24P	Reef Bay
U.S. Virgin Islands	St. John	VI-25	Fish Bay
U.S. Virgin Islands	St. Thomas	VI-26	Sprat Point
U.S. Virgin Islands	St. Thomas	VI-27	Limestone Bay
U.S. Virgin Islands	St. Thomas	VI-28	Perseverance Bay
U.S. Virgin Islands	St. Thomas	VI-29	Magens Bay

State	County	Unit Number	Unit Name
U.S. Virgin Islands	St. Thomas	VI-30	Mandal Bay
U.S. Virgin Islands	St. Thomas	VI-31	Smith Bay
U.S. Virgin Islands	St. Thomas	VI-32	Vessup Bay
U.S. Virgin Islands	St. Thomas	VI-33	Great Bay
U.S. Virgin Islands	St. Thomas	VI-34	Jersey Bay
U.S. Virgin Islands	St. Thomas	VI-35P	Buck Island
Virginia	Accomack	K03	Cedar Island
Virginia	Northampton	K04	Little Cobb Island
Virginia	Northampton	K05	Fishermans Island
Virginia	Northampton	K05P	Fishermans Island
Virginia	Accomack	VA-01P	Assateague Island
Virginia	Accomack	VA-02P	Assawoman Island
Virginia	Accomack	VA-03P	Metompkin Island
Virginia	Accomack, Northampton	VA-04P	Parramore/Hog/Cobb Islands
Virginia	Northampton	VA-05P	Wreck Island

State	County	Unit Number	Unit Name
Virginia	Northampton	VA-06P	Smith Island
Virginia	Northampton	VA-09	Elliotts Creek
Virginia	Northampton	VA-10	Old Plantation Creek
Virginia	Northampton	VA-11	Wescoat Point
Virginia	Northampton	VA-12	Great Neck
Virginia	Northampton	VA-13	Westerhouse Creek
Virginia	Northampton	VA-14	Shooting Point
Virginia	Accomack, Northampton	VA-16	Scarborough Neck
Virginia	Accomack	VA-16P	Scarborough Neck
Virginia	Accomack	VA-17	Craddock Neck
Virginia	Accomack	VA-17P	Craddock Neck
Virginia	Accomack	VA-18	Hacks Neck
Virginia	Accomack	VA-19	Parkers/Finneys Islands
Virginia	Accomack	VA-20	Parkers Marsh
Virginia	Accomack	VA-20P	Parkers Marsh
Virginia	Accomack	VA-21	Beach Island
Virginia	Accomack	VA-22	Russell Island
Virginia	Accomack	VA-22P	Russell Island

State	County	Unit Number	Unit Name
Virginia	Accomack	VA-23	Simpson Bend
Virginia	Accomack	VA-24	Drum Bay
Virginia	Accomack	VA-25	Fox Islands
Virginia	Accomack	VA-26	Cheeseman Island
Virginia	Accomack	VA-27	Watts Island
Virginia	Accomack	VA-28	Tangier Island
Virginia	Accomack	VA-28P	Tangier Island
Virginia	Westmoreland	VA-29	Elbow Point
Virginia	Westmoreland	VA-30	White Point
Virginia	Westmoreland	VA-31	Cabin Point
Virginia	Westmoreland	VA-32	Glebe Point
Virginia	Westmoreland	VA-33	Sandy Point
Virginia	Northumberland	VA-34	Judith Sound
Virginia	Northumberland	VA-35	Cod Creek
Virginia	Northumberland	VA-36	Presley Creek
Virginia	Northumberland	VA-37	Cordreys Beach
Virginia	Northumberland	VA-38	Marshalls Beach
Virginia	Northumberland	VA-39P	Ginny Beach

State	County	Unit Number	Unit Name
Virginia	Northumberland	VA-40	Gaskin Pond
Virginia	Northumberland	VA-41	Owens Pond
Virginia	Northumberland	VA-42	Chesapeake Beach
Virginia	Northumberland	VA-43	Fleet Point
Virginia	Northumberland	VA-44	Bussel Point
Virginia	Northumberland	VA-45	Harveys Creek
Virginia	Northumberland	VA-46	Ingram Cove
Virginia	Northumberland	VA-47	Bluff Point Neck
Virginia	Northumberland	VA-47P	Bluff Point Neck
Virginia	Northumberland	VA-48	Barnes Creek
Virginia	Lancaster	VA-49	North Point
Virginia	Lancaster	VA-50	Windmill Point
Virginia	Lancaster	VA-51	Deep Hole Point
Virginia	Middlesex	VA-52	Sturgeon Creek
Virginia	Middlesex	VA-53	Jackson Creek
Virginia	Mathews	VA-55	Rigby Island/Bethel Beach
Virginia	Mathews	VA-55P	Rigby Island/Bethel Beach
Virginia	Mathews	VA-56	New Point Comfort

State	County	Unit Number	Unit Name
Virginia	Gloucester	VA-57	Ware Neck
Virginia	Gloucester	VA-58	Severn River
Virginia	Poquoson City	VA-59P	Plum Tree Island
Virginia	Hampton City	VA-60	Long Creek
Virginia	Hampton City	VA-60P	Long Creek
Virginia	Virginia Beach City	VA-61P	Cape Henry
Virginia	Virginia Beach City	VA-62P	Back Bay
Virginia	Northumberland	VA-63P	Dameron Marsh
Virginia	Lancaster	VA-64	Little Bay
Virginia	Lancaster	VA-65P	White Marsh
Virginia	Gloucester	VA-66	Lone Point
Virginia	Gloucester	VA-67	Oldhouse Creek
Virginia	York, Gloucester, Poquoson City	VA-68	Bay Tree Beach
Virginia	York	VA-68P	Bay Tree Beach
Wisconsin	Manitowoc	WI-01	Two Creeks
Wisconsin	Brown	WI-02	Point au Sable
Wisconsin	Marinette	WI-03	Peshtigo Point
Wisconsin	Marinette	WI-04	Dyers Slough

State	County	Unit Number	Unit Name
Wisconsin	Bayfield	WI-05	Bark Bay
Wisconsin	Bayfield	WI-06	Herbster
Wisconsin	Bayfield	WI-07	Flag River

Programs



Coastal Barrier Resources Act

We administer the Coastal Barrier Resources Act (CBRA), which saves taxpayer dollars and encourages the conservation of storm-prone and dynamic coastal barriers by withdrawing the availability of federal funding and financial assistance within a designated set of units known as the John H. Chafee...

Program

Baileys Crossroads, VA



United States Department of the Interior



FISH AND WILDLIFE SERVICE
Illinois-Iowa Ecological Services Field Office
Illinois & Iowa Ecological Services Field Office
1511 47th Ave
Moline, IL 61265-7022
Phone: (309) 757-5800 Fax: (309) 757-5807

In Reply Refer To:

June 30, 2023

Project Code: 2023-0100097

Project Name: City of Muscatine Mulberry Neighborhood Rehab Project

Subject: List of threatened and endangered species that may occur in your proposed project location or may be affected by your proposed project

To Whom It May Concern:

The attached species list identifies federally threatened, endangered, proposed and candidate species that may occur within the boundary of your proposed project or may be affected by your proposed project. The list also includes designated critical habitat, if present, within your proposed project area or affected by your project. This list is provided to you as the initial step of the consultation process required under section 7(c) of the Endangered Species Act, also referred to as Section 7 Consultation.

Under 50 CFR 402.12(e) (the regulations that implement Section 7 of the Endangered Species Act) **the accuracy of this species list should be verified after 90 days**. This verification can be completed formally or informally. You may verify the list by visiting the ECOSPHERE Information for Planning and Consultation (IPaC) website <https://ipac.ecosphere.fws.gov> at regular intervals during project planning and implementation and completing the same process you used to receive the attached list.

Section 7 Consultation

Section 7 of the Endangered Species Act of 1973 requires that actions authorized, funded, or carried out by Federal agencies not jeopardize federally threatened or endangered species or adversely modify designated critical habitat. To fulfill this mandate, Federal agencies (or their designated non-federal representative) must consult with the U.S. Fish and Wildlife Service (Service) if they determine their project "may affect" listed species or designated critical habitat. Under the ESA, it is the responsibility of the Federal action agency or its designated representative to determine if a proposed action may affect endangered, threatened, or proposed species, or designated critical habitat, and if so, to consult with the Service further. Similarly, it is the responsibility of the Federal action agency or project proponent, not the Service to make "no effect" determinations. If you determine that your proposed action will have

no effect on threatened or endangered species or their respective designated critical habitat, you do not need to seek concurrence with the Service.

Note: For some species or projects, IPaC will present you with *Determination Keys*. You may be able to use one or more Determination Keys to conclude consultation on your action.

Technical Assistance for Listed Species

1. For assistance in determining if suitable habitat for listed, candidate, or proposed species occurs within your project area or if species may be affected by project activities, you can obtain information on the species life history, species status, current range, and other documents by selecting the species from the thumbnails or list view and visiting the species profile page.
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No Effect Determinations for Listed Species

1. If there are *no* species or designated critical habitats on the Endangered Species portion of the species list: conclude "no species and no critical habitat present" and document your finding in your project records. No consultation under ESA section 7(a)(2) is required if the action would result in no effects to listed species or critical habitat. Maintain a copy of this letter and IPaC official species list for your records.
2. If any species or designated critical habitat are listed as potentially present in the **action area** of the proposed project the project proponents are responsible for determining if the proposed action will have "no effect" on any federally listed species or critical habitat. No effect, with respect to species, means that no individuals of a species will be exposed to any consequence of a federal action or that they will not respond to such exposure.
3. If the species habitat is not present within the action area or current data (surveys) for the species in the action area are negative: conclude "no species habitat or species present" and document your finding in your project records. For example, if the project area is located entirely within a "developed area" (an area that is already graveled/paved or supports structures and the only vegetation is limited to frequently mowed grass or conventional landscaping, is located within an existing maintained facility yard, or is in cultivated cropland conclude no species habitat present. Be careful when assessing actions that affect: 1) rights-of-ways that contains natural or semi-natural vegetation despite periodic mowing or other management; structures that have been known to support listed species (example: bridges), and 2) surface water or groundwater. Several species inhabit rights-of-ways, and you should carefully consider effects to surface water or groundwater, which often extend outside of a project's immediate footprint.
4. Adequacy of Information & Surveys - Agencies may base their determinations on the best evidence that is available or can be developed during consultation. Agencies must give the benefit of any doubt to the species when there are any inadequacies in the information. Inadequacies may include uncertainty in any step of the analysis. To provide adequate information on which to base a determination, it may be appropriate to conduct surveys to determine whether listed species or their habitats are present in the action area. Please contact our office for more information or see the survey guidelines that the Service has made available in IPaC.

May Effect Determinations for Listed Species

1. If the species habitat is present within the action area and survey data is unavailable or inconclusive: assume the species is present or plan and implement surveys and interpret results in coordination with our office. If assuming species present or surveys for the species are positive continue with the may affect determination process. May affect, with respect to a species, is the appropriate conclusion when a species might be exposed to a consequence of a federal action and could respond to that exposure. For critical habitat,
-

'may affect' is the appropriate conclusion if the action area overlaps with mapped areas of critical habitat and an essential physical or biological feature may be exposed to a consequence of a federal action and could change in response to that exposure.

2. Identify stressors or effects to the species and to the essential physical and biological features of critical habitat that overlaps with the action area. Consider all consequences of the action and assess the potential for each life stage of the species that occurs in the action area to be exposed to the stressors. Deconstruct the action into its component parts to be sure that you do not miss any part of the action that could cause effects to the species or physical and biological features of critical habitat. Stressors that affect species' resources may have consequences even if the species is not present when the project is implemented.
3. If no listed or proposed species will be exposed to stressors caused by the action, a 'no effect' determination may be appropriate – be sure to separately assess effects to critical habitat, if any overlaps with the action area. If you determined that the proposed action or other activities that are caused by the proposed action may affect a species or critical habitat, the next step is to describe the manner in which they will respond or be altered. Specifically, to assess whether the species/critical habitat is "not likely to be adversely affected" or "likely to be adversely affected."
4. Determine how the habitat or the resource will respond to the proposed action (for example, changes in habitat quality, quantity, availability, or distribution), and assess how the species is expected to respond to the effects to its habitat or other resources. Critical habitat analyses focus on how the proposed action will affect the physical and biological features of the critical habitat in the action area. If there will be only beneficial effects or the effects of the action are expected to be insignificant or discountable, conclude "may affect, not likely to adversely affect" and submit your finding and supporting rationale to our office and request concurrence.
5. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, check IPaC for species-specific Section 7 guidance and conservation measures to determine whether there are any measures that may be implemented to avoid or minimize the negative effects. If you modify your proposed action to include conservation measures, assess how inclusion of those measures will likely change the effects of the action. If you cannot conclude that the effects of the action will be wholly beneficial, insignificant, or discountable, contact our office for assistance.
6. Letters with requests for consultation or correspondence about your project should include the Consultation Tracking Number in the header. Electronic submission is preferred.

For additional information on completing Section 7 Consultation including a Glossary of Terms

used in the Section 7 Process, information requirements for completing Section 7, and example letters visit the Midwest Region Section 7 Consultations website at: <https://www.fws.gov/office/midwest-region-headquarters/midwest-section-7-technical-assistance>.

You may find more specific information on completing Section 7 on communication towers and transmission lines on the following websites:

- Incidental Take Beneficial Practices: Power Lines - <https://www.fws.gov/story/incidental-take-beneficial-practices-power-lines>
- Recommended Best Practices for Communication Tower Design, Siting, Construction, Operation, Maintenance, and Decommissioning. - <https://www.fws.gov/media/recommended-best-practices-communication-tower-design-siting-construction-operation>

Northern Long-eared Bat Update

Please note that on March 23, 2022, the Service published a proposal to reclassify the northern long-eared bat (NLEB) as endangered under the Endangered Species Act. The U.S. District Court for the District of Columbia has ordered the Service to complete a new final listing determination for the NLEB by November 2022 (Case 1:15-cv-00477, March 1, 2021). The bat, currently listed as threatened, faces extinction due to the range-wide impacts of white-nose syndrome (WNS), a deadly fungal disease affecting cave-dwelling bats across the continent. The proposed reclassification, if finalized, would remove the current 4(d) rule for the NLEB, as these rules may be applied only to threatened species. Depending on the type of effects a project has on NLEB, the change in the species' status may trigger the need to re-initiate consultation for any actions that are not completed and for which the Federal action agency retains discretion once the new listing determination becomes effective (anticipated to occur by December 30, 2022). If your project may result in incidental take of NLEB after the new listing goes into effect this will first need to be addressed in an updated consultation that includes an Incidental Take Statement. If your project may require re-initiation of consultation, please contact our office for additional guidance.

Other Trust Resources and Activities

Bald and Golden Eagles

Although no longer protected under the Endangered Species Act, be aware that bald eagles are protected under the Bald and Golden Eagle Protection Act and Migratory Bird Treaty Act, as are golden eagles. Projects affecting these species may require measures to avoid harming eagles or may require a permit. If your project is near an eagle nest or winter roost area, please contact our office for further coordination. For more information on permits and other eagle information visit our website <https://www.fws.gov/library/collections/bald-and-golden-eagle-management>.

We appreciate your concern for threatened and endangered species. Please feel free to contact our office with questions or for additional information.

Attachment(s):

- Official Species List
 - USFWS National Wildlife Refuges and Fish Hatcheries
-

- Migratory Birds
 - Wetlands
-

OFFICIAL SPECIES LIST

This list is provided pursuant to Section 7 of the Endangered Species Act, and fulfills the requirement for Federal agencies to "request of the Secretary of the Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action".

This species list is provided by:

Illinois-Iowa Ecological Services Field Office

Illinois & Iowa Ecological Services Field Office

1511 47th Ave

Moline, IL 61265-7022

(309) 757-5800

PROJECT SUMMARY

Project Code: 2023-0100097
Project Name: City of Muscatine Mulberry Neighborhood Rehab Project
Project Type: Recreation - Maintenance / Modification
Project Description: This project will multiple facets, including commercial façade repair, housing exterior improvements, creation of a pocket park, and infrastructure improvements, including wifi for the area and street improvement.

Project Location:

The approximate location of the project can be viewed in Google Maps: <https://www.google.com/maps/@41.4283889,-91.0437863,1270825,14z>



Counties: Muscatine County, Iowa

ENDANGERED SPECIES ACT SPECIES

There is a total of 9 threatened, endangered, or candidate species on this species list.

Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species.

IPaC does not display listed species or critical habitats under the sole jurisdiction of NOAA Fisheries¹, as USFWS does not have the authority to speak on behalf of NOAA and the Department of Commerce.

See the "Critical habitats" section below for those critical habitats that lie wholly or partially within your project area under this office's jurisdiction. Please contact the designated FWS office if you have questions.

-
1. [NOAA Fisheries](#), also known as the National Marine Fisheries Service (NMFS), is an office of the National Oceanic and Atmospheric Administration within the Department of Commerce.

MAMMALS

NAME	STATUS
Indiana Bat <i>Myotis sodalis</i> There is final critical habitat for this species. Your location does not overlap the critical habitat. Species profile: https://ecos.fws.gov/ecp/species/5949	Endangered
Northern Long-eared Bat <i>Myotis septentrionalis</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9045	Endangered
Tricolored Bat <i>Perimyotis subflavus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/10515	Proposed Endangered

BIRDS

NAME	STATUS
Whooping Crane <i>Grus americana</i> Population: U.S.A. (AL, AR, CO, FL, GA, ID, IL, IN, IA, KY, LA, MI, MN, MS, MO, NC, NM, OH, SC, TN, UT, VA, WI, WV, western half of WY) No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/758	Experimental Population, Non- Essential

CLAMS

NAME	STATUS
Higgins Eye (pearlymussel) <i>Lampsilis higginsii</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/5428	Endangered
Sheepnose Mussel <i>Plethobasus cyphus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/6903	Endangered
Spectaclecase (mussel) <i>Cumberlandia monodonta</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/7867	Endangered

INSECTS

NAME	STATUS
Monarch Butterfly <i>Danaus plexippus</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/9743	Candidate

FLOWERING PLANTS

NAME	STATUS
Eastern Prairie Fringed Orchid <i>Platanthera leucophaea</i> No critical habitat has been designated for this species. Species profile: https://ecos.fws.gov/ecp/species/601	Threatened

CRITICAL HABITATS

THERE ARE NO CRITICAL HABITATS WITHIN YOUR PROJECT AREA UNDER THIS OFFICE'S JURISDICTION.

YOU ARE STILL REQUIRED TO DETERMINE IF YOUR PROJECT(S) MAY HAVE EFFECTS ON ALL ABOVE LISTED SPECIES.

USFWS NATIONAL WILDLIFE REFUGE LANDS AND FISH HATCHERIES

Any activity proposed on lands managed by the [National Wildlife Refuge](#) system must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

THERE ARE NO REFUGE LANDS OR FISH HATCHERIES WITHIN YOUR PROJECT AREA.

MIGRATORY BIRDS

Certain birds are protected under the Migratory Bird Treaty Act¹ and the Bald and Golden Eagle Protection Act².

Any person or organization who plans or conducts activities that may result in impacts to migratory birds, eagles, and their habitats should follow appropriate regulations and consider implementing appropriate conservation measures, as described [below](#).

-
1. The [Migratory Birds Treaty Act](#) of 1918.
 2. The [Bald and Golden Eagle Protection Act](#) of 1940.
 3. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

The birds listed below are birds of particular concern either because they occur on the [USFWS Birds of Conservation Concern \(BCC\) list](#) or warrant special attention in your project location. To learn more about the levels of concern for birds on your list and how this list is generated, see the FAQ [below](#). This is not a list of every bird you may find in this location, nor a guarantee that every bird on this list will be found in your project area. To see exact locations of where birders and the general public have sighted birds in and around your project area, visit the [E-bird data mapping tool](#) (Tip: enter your location, desired date range and a species on your list). For projects that occur off the Atlantic Coast, additional maps and models detailing the relative occurrence and abundance of bird species on your list are available. Links to additional information about Atlantic Coast birds, and other important information about your migratory bird list, including how to properly interpret and use your migratory bird report, can be found [below](#).

For guidance on when to schedule activities or implement avoidance and minimization measures to reduce impacts to migratory birds on your list, click on the PROBABILITY OF PRESENCE SUMMARY at the top of your list to see when these birds are most likely to be present and breeding in your project area.

NAME	BREEDING SEASON
Bald Eagle <i>Haliaeetus leucocephalus</i> This is not a Bird of Conservation Concern (BCC) in this area, but warrants attention because of the Eagle Act or for potential susceptibilities in offshore areas from certain types of development or activities.	Breeds Oct 15 to Aug 31
Bobolink <i>Dolichonyx oryzivorus</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds May 20 to Jul 31
Chimney Swift <i>Chaetura pelagica</i> This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.	Breeds Mar 15 to Aug 25

NAME	BREEDING SEASON
<p>Henslow's Sparrow <i>Ammodramus henslowii</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p> <p>https://ecos.fws.gov/ecp/species/3941</p>	Breeds May 1 to Aug 31
<p>Kentucky Warbler <i>Oporornis formosus</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Apr 20 to Aug 31
<p>Lesser Yellowlegs <i>Tringa flavipes</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p> <p>https://ecos.fws.gov/ecp/species/9679</p>	Breeds elsewhere
<p>Prothonotary Warbler <i>Protonotaria citrea</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds Apr 1 to Jul 31
<p>Red-headed Woodpecker <i>Melanerpes erythrocephalus</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Sep 10
<p>Rusty Blackbird <i>Euphagus carolinus</i></p> <p>This is a Bird of Conservation Concern (BCC) only in particular Bird Conservation Regions (BCRs) in the continental USA</p>	Breeds elsewhere
<p>Wood Thrush <i>Hylocichla mustelina</i></p> <p>This is a Bird of Conservation Concern (BCC) throughout its range in the continental USA and Alaska.</p>	Breeds May 10 to Aug 31

PROBABILITY OF PRESENCE SUMMARY

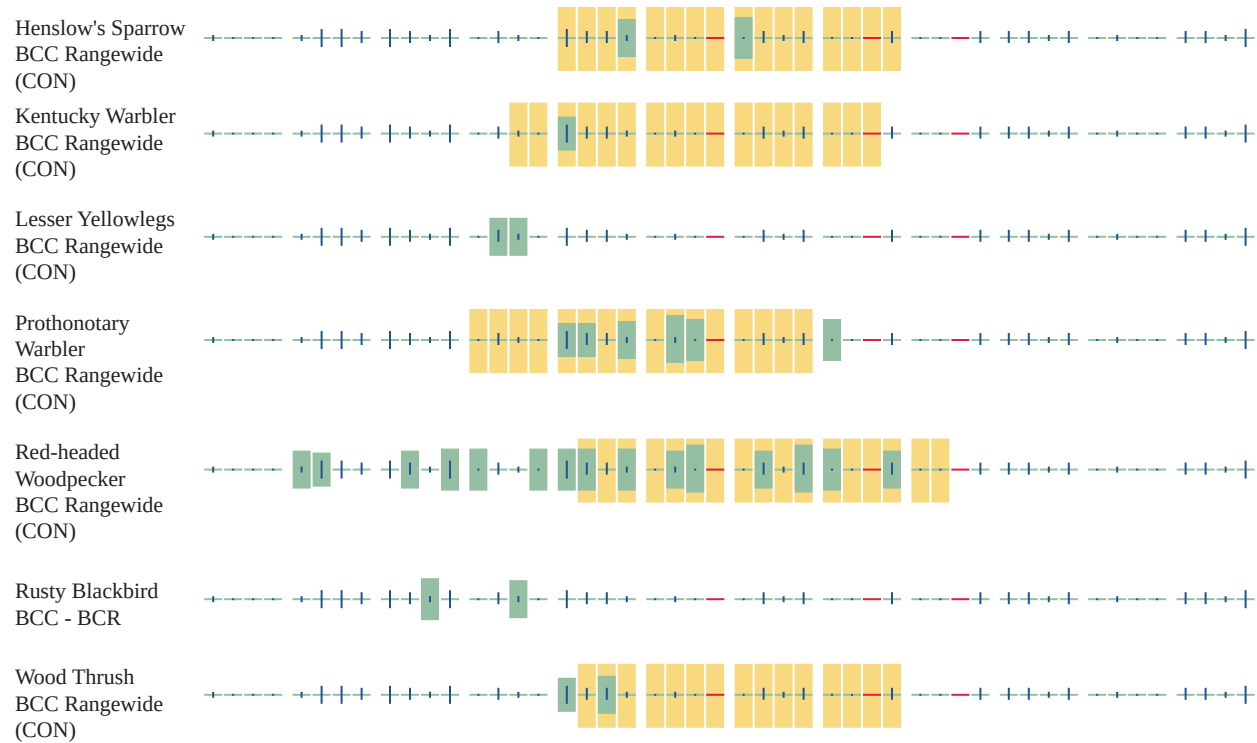
The graphs below provide our best understanding of when birds of concern are most likely to be present in your project area. This information can be used to tailor and schedule your project activities to avoid or minimize impacts to birds. Please make sure you read and understand the FAQ "Proper Interpretation and Use of Your Migratory Bird Report" before using or attempting to interpret this report.

Probability of Presence (■)

Each green bar represents the bird's relative probability of presence in the 10km grid cell(s) your project overlaps during a particular week of the year. (A year is represented as 12 4-week months.) A taller bar indicates a higher probability of species presence. The survey effort (see below) can be used to establish a level of confidence in the presence score. One can have higher confidence in the presence score if the corresponding survey effort is also high.

How is the probability of presence score calculated? The calculation is done in three steps:

1. The probability of presence for each week is calculated as the number of survey events in the week where the species was detected divided by the total number of survey events for



Additional information can be found using the following links:

- Birds of Conservation Concern <https://www.fws.gov/program/migratory-birds/species>
- Measures for avoiding and minimizing impacts to birds <https://www.fws.gov/library/collections/avoiding-and-minimizing-incident-take-migratory-birds>
- Nationwide conservation measures for birds <https://www.fws.gov/sites/default/files/documents/nationwide-standard-conservation-measures.pdf>

MIGRATORY BIRDS FAQ

Tell me more about conservation measures I can implement to avoid or minimize impacts to migratory birds.

[Nationwide Conservation Measures](#) describes measures that can help avoid and minimize impacts to all birds at any location year round. Implementation of these measures is particularly important when birds are most likely to occur in the project area. When birds may be breeding in the area, identifying the locations of any active nests and avoiding their destruction is a very helpful impact minimization measure. To see when birds are most likely to occur and be breeding in your project area, view the Probability of Presence Summary. [Additional measures](#) or [permits](#) may be advisable depending on the type of activity you are conducting and the type of infrastructure or bird species present on your project site.

What does IPaC use to generate the list of migratory birds that potentially occur in my specified location?

The Migratory Bird Resource List is comprised of USFWS [Birds of Conservation Concern \(BCC\)](#) and other species that may warrant special attention in your project location.

The migratory bird list generated for your project is derived from data provided by the [Avian Knowledge Network \(AKN\)](#). The AKN data is based on a growing collection of [survey, banding, and citizen science datasets](#) and is queried and filtered to return a list of those birds reported as occurring in the 10km grid cell(s) which your project intersects, and that have been identified as warranting special attention because they are a BCC species in that area, an eagle ([Eagle Act](#) requirements may apply), or a species that has a particular vulnerability to offshore activities or development.

Again, the Migratory Bird Resource list includes only a subset of birds that may occur in your project area. It is not representative of all birds that may occur in your project area. To get a list of all birds potentially present in your project area, please visit the [Rapid Avian Information Locator \(RAIL\) Tool](#).

What does IPaC use to generate the probability of presence graphs for the migratory birds potentially occurring in my specified location?

The probability of presence graphs associated with your migratory bird list are based on data provided by the [Avian Knowledge Network \(AKN\)](#). This data is derived from a growing collection of [survey, banding, and citizen science datasets](#).

Probability of presence data is continuously being updated as new and better information becomes available. To learn more about how the probability of presence graphs are produced and how to interpret them, go the Probability of Presence Summary and then click on the "Tell me about these graphs" link.

How do I know if a bird is breeding, wintering or migrating in my area?

To see what part of a particular bird's range your project area falls within (i.e. breeding, wintering, migrating or year-round), you may query your location using the [RAIL Tool](#) and look at the range maps provided for birds in your area at the bottom of the profiles provided for each bird in your results. If a bird on your migratory bird species list has a breeding season associated with it, if that bird does occur in your project area, there may be nests present at some point within the timeframe specified. If "Breeds elsewhere" is indicated, then the bird likely does not breed in your project area.

What are the levels of concern for migratory birds?

Migratory birds delivered through IPaC fall into the following distinct categories of concern:

1. "BCC Rangewide" birds are [Birds of Conservation Concern](#) (BCC) that are of concern throughout their range anywhere within the USA (including Hawaii, the Pacific Islands, Puerto Rico, and the Virgin Islands);
 2. "BCC - BCR" birds are BCCs that are of concern only in particular Bird Conservation Regions (BCRs) in the continental USA; and
 3. "Non-BCC - Vulnerable" birds are not BCC species in your project area, but appear on your list either because of the [Eagle Act](#) requirements (for eagles) or (for non-eagles) potential susceptibilities in offshore areas from certain types of development or activities (e.g. offshore energy development or longline fishing).
-

Although it is important to try to avoid and minimize impacts to all birds, efforts should be made, in particular, to avoid and minimize impacts to the birds on this list, especially eagles and BCC species of rangewide concern. For more information on conservation measures you can implement to help avoid and minimize migratory bird impacts and requirements for eagles, please see the FAQs for these topics.

Details about birds that are potentially affected by offshore projects

For additional details about the relative occurrence and abundance of both individual bird species and groups of bird species within your project area off the Atlantic Coast, please visit the [Northeast Ocean Data Portal](#). The Portal also offers data and information about other taxa besides birds that may be helpful to you in your project review. Alternately, you may download the bird model results files underlying the portal maps through the [NOAA NCCOS Integrative Statistical Modeling and Predictive Mapping of Marine Bird Distributions and Abundance on the Atlantic Outer Continental Shelf](#) project webpage.

Bird tracking data can also provide additional details about occurrence and habitat use throughout the year, including migration. Models relying on survey data may not include this information. For additional information on marine bird tracking data, see the [Diving Bird Study](#) and the [nanotag studies](#) or contact [Caleb Spiegel](#) or [Pam Loring](#).

What if I have eagles on my list?

If your project has the potential to disturb or kill eagles, you may need to [obtain a permit](#) to avoid violating the Eagle Act should such impacts occur.

Proper Interpretation and Use of Your Migratory Bird Report

The migratory bird list generated is not a list of all birds in your project area, only a subset of birds of priority concern. To learn more about how your list is generated, and see options for identifying what other birds may be in your project area, please see the FAQ "What does IPaC use to generate the migratory birds potentially occurring in my specified location". Please be aware this report provides the "probability of presence" of birds within the 10 km grid cell(s) that overlap your project; not your exact project footprint. On the graphs provided, please also look carefully at the survey effort (indicated by the black vertical bar) and for the existence of the "no data" indicator (a red horizontal bar). A high survey effort is the key component. If the survey effort is high, then the probability of presence score can be viewed as more dependable. In contrast, a low survey effort bar or no data bar means a lack of data and, therefore, a lack of certainty about presence of the species. This list is not perfect; it is simply a starting point for identifying what birds of concern have the potential to be in your project area, when they might be there, and if they might be breeding (which means nests might be present). The list helps you know what to look for to confirm presence, and helps guide you in knowing when to implement conservation measures to avoid or minimize potential impacts from your project activities, should presence be confirmed. To learn more about conservation measures, visit the FAQ "Tell me about conservation measures I can implement to avoid or minimize impacts to migratory birds" at the bottom of your migratory bird trust resources page.

WETLANDS

Impacts to [NWI wetlands](#) and other aquatic habitats may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal statutes.

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

Please note that the NWI data being shown may be out of date. We are currently working to update our NWI data set. We recommend you verify these results with a site visit to determine the actual extent of wetlands on site.

THERE ARE NO WETLANDS WITHIN YOUR PROJECT AREA.

IPAC USER CONTACT INFORMATION

Agency: Muscatine city
Name: David Kovarik
Address: 1504 3rd Avenue
City: Rock Island
State: IL
Zip: 61201
Email: dkovarik@bistateonline.org
Phone: 3097936300

LEAD AGENCY CONTACT INFORMATION

Lead Agency: Department of Housing and Urban Development

Rick Newcomb

From: Lundh, Kristen <kristen_lundh@fws.gov>
Sent: Tuesday, July 18, 2023 9:10 AM
To: David Kovarik
Subject: Re: [EXTERNAL] Environmental Review for CDBG Grant

Hi David, you are correct the area does not contain suitable habitat for the northern long-eared bat or Indiana bat, therefore, the project will have no effect on these species.

If you have any other questions, just let me know.

Kristen

Kristen Lundh (she/her)
U.S. Fish and Wildlife Service
Threatened and Endangered Species Coordinator
Illinois - Iowa Ecological Services Field Office
1511 47th Avenue
Moline, IL 61265
309-757-5800 x215
<https://www.fws.gov/office/illinois-iowa-ecological-services>

From: David Kovarik <dkovarik@bistateonline.org>
Sent: Thursday, July 13, 2023 3:42 PM
To: Lundh, Kristen <kristen_lundh@fws.gov>
Subject: [EXTERNAL] Environmental Review for CDBG Grant

This email has been received from outside of DOI - Use caution before clicking on links, opening attachments, or responding.

Hello again Kristen!

This is David Kovarik at Bi-State Regional Commission. I am working on a another CDBG grant for the City of Muscatine in Iowa. The determination key in the environmental review again is saying that the project may affect the Northern Long-eared bat. I know for our other CDBG grant project, you had mentioned that so long as there isn't suitable habitat (non-urban forests) being affected, the bats wouldn't be impacted.

This new project is a combination of business façade work, home rehabilitation, and creating a pocket park. All of the work will take place within city limits, and will be done on existing structures. As of right now, there are no plans to remove any type of tree. Am I correct in assuming that this type of project would also not affect the NLEB? If so, could you please confirm for our records in the environmental review?

Please let me know if you need anything additional to help in this matter, and thank you for your help!

David Kovarik
309-793-6300 x1139

EJScreen Report (Version 2.11)



1 mile Ring around the Area, IOWA, EPA Region 7

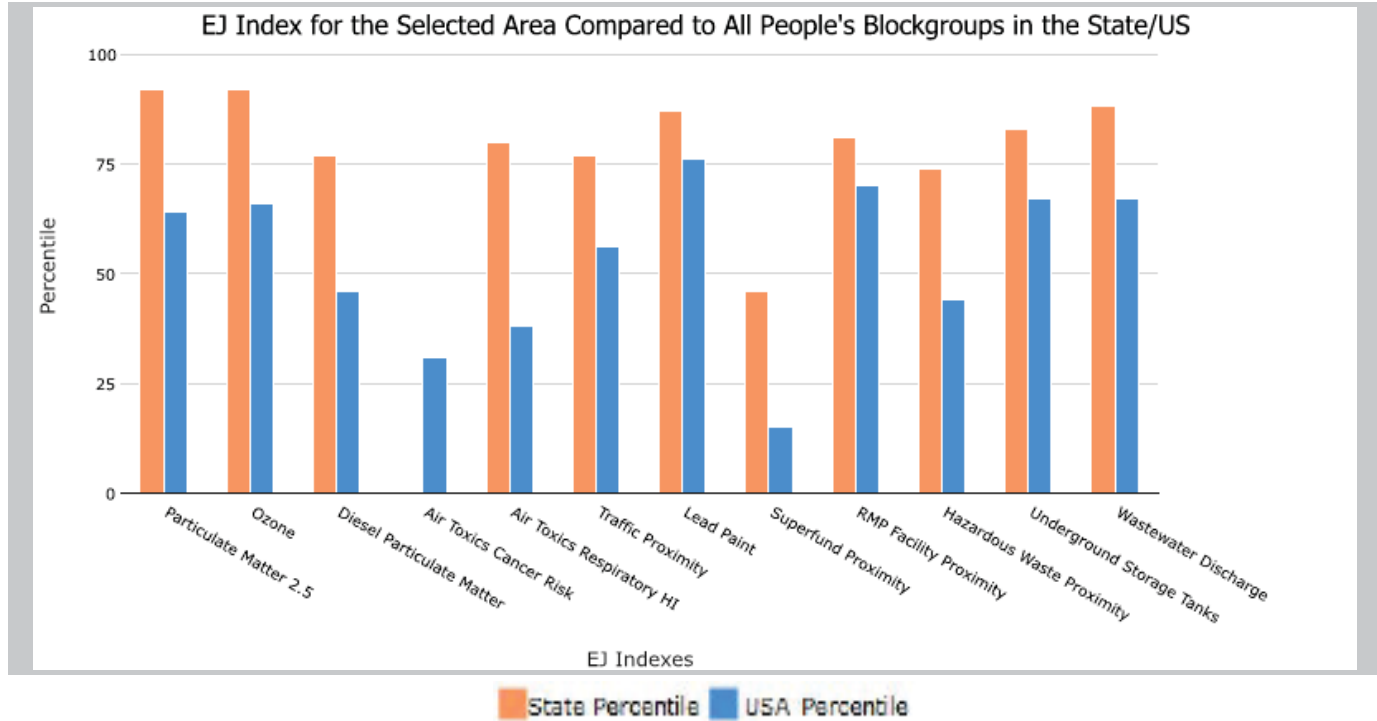
Approximate Population: 13,080

Input Area (sq. miles): 4.73

Musca CDBG CNRG

Selected Variables	State Percentile	USA Percentile
Environmental Justice Indexes		
Particulate Matter 2.5 EJ index	92	64
Ozone EJ index	92	66
Diesel Particulate Matter EJ index*	77	46
Air Toxics Cancer Risk EJ index*	0	31
Air Toxics Respiratory HI EJ index*	80	38
Traffic Proximity EJ index	77	56
Lead Paint EJ index	87	76
Superfund Proximity EJ index	46	15
RMP Facility Proximity EJ index	81	70
Hazardous Waste Proximity EJ index	74	44
Underground Storage Tanks EJ index	83	67
Wastewater Discharge EJ index	88	67

EJ Indexes - The EJ indexes help users screen for potential EJ concerns. To do this, the EJ index combines data on low income and people of color populations with a single environmental indicator.



*Diesel particular matter, air toxics cancer risk, and air toxics respiratory hazard index are from the EPA's Air Toxics Data Update, which is the Agency's ongoing, comprehensive evaluation of air toxics in the United States. This effort aims to prioritize air toxics, emission sources, and locations of interest for further study. It is important to remember that the air toxics data presented here provide broad estimates of health risks over geographic areas of the country, not definitive risks to specific individuals or locations. Cancer risks and hazard indices from the Air Toxics Data Update are reported to one significant figure and any additional significant figures here are due to rounding. More information on the Air Toxics Data Update can be found at: <https://www.epa.gov/haps/air-toxics-data-update>.

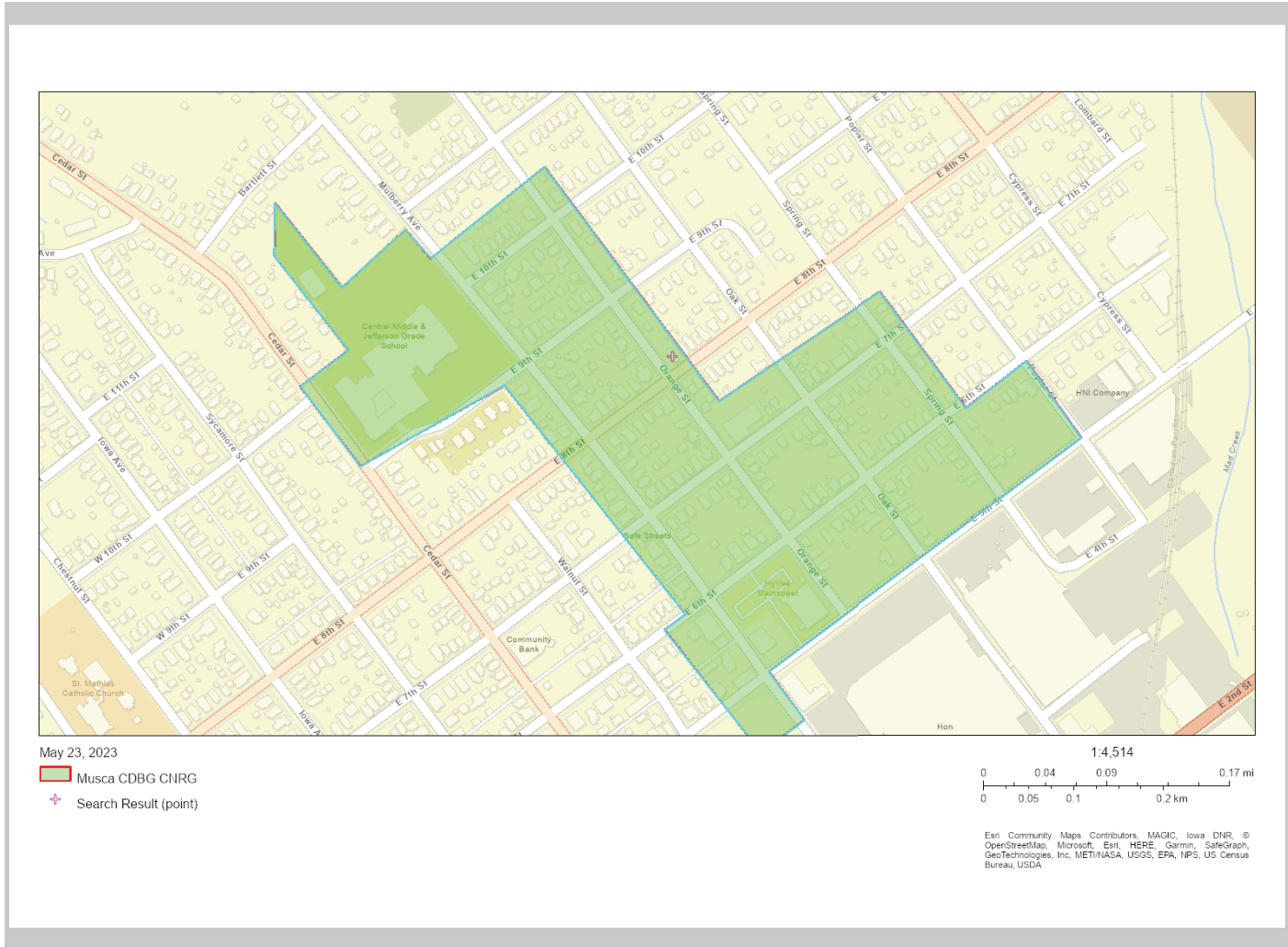
EJScreen Report (Version 2.11)

1 mile Ring around the Area, IOWA, EPA Region 7

Approximate Population: 13,080

Input Area (sq. miles): 4.73

Musca CDBG CNRG



Sites reporting to EPA	
Superfund NPL	0
Hazardous Waste Treatment, Storage, and Disposal Facilities (TSDF)	0

EJScreen Report (Version 2.11)

1 mile Ring around the Area, IOWA, EPA Region 7

Approximate Population: 13,080

Input Area (sq. miles): 4.73

Musca CDBG CNRG

Selected Variables	Value	State Avg.	%ile in State	USA Avg.	%ile in USA
Pollution and Sources					
Particulate Matter 2.5 ($\mu\text{g}/\text{m}^3$)	8.98	8.22	91	8.67	61
Ozone (ppb)	43.2	41.8	97	42.5	60
Diesel Particulate Matter* ($\mu\text{g}/\text{m}^3$)	0.173	0.165	62	0.294	<50th
Air Toxics Cancer Risk* (lifetime risk per million)	20	21	0	28	<50th
Air Toxics Respiratory HI*	0.27	0.24	86	0.36	<50th
Traffic Proximity (daily traffic count/distance to road)	280	390	69	760	53
Lead Paint (% Pre-1960 Housing)	0.7	0.4	80	0.27	85
Superfund Proximity (site count/km distance)	0.014	0.094	22	0.13	9
RMP Facility Proximity (facility count/km distance)	1.3	1.2	66	0.77	82
Hazardous Waste Proximity (facility count/km distance)	0.22	0.45	54	2.2	33
Underground Storage Tanks (count/km ²)	4.5	1.9	86	3.9	75
Wastewater Discharge (toxicity-weighted concentration/m distance)	0.0074	0.29	86	12	66
Socioeconomic Indicators					
Demographic Index	31%	22%	79	35%	52
Supplemental Demographic Index	14%	12%	68	15%	54
People of Color	26%	15%	82	40%	47
Low Income	35%	28%	68	30%	61
Unemployment Rate	5%	4%	74	5%	61
Limited English Speaking Households	1%	2%	76	5%	60
Less Than High School Education	11%	8%	77	12%	60
Under Age 5	6%	6%	60	6%	63
Over Age 64	14%	17%	33	16%	44
Low Life Expectancy	16%	19%	22	20%	19

EJScreen is a screening tool for pre-decisional use only. It can help identify areas that may warrant additional consideration, analysis, or outreach. It does not provide a basis for decision-making, but it may help identify potential areas of EJ concern. Users should keep in mind that screening tools are subject to substantial uncertainty in their demographic and environmental data, particularly when looking at small geographic areas. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. This screening tool does not provide data on every environmental impact and demographic factor that may be relevant to a particular location. EJScreen outputs should be supplemented with additional information and local knowledge before taking any action to address potential EJ concerns.

1 mile Ring around the Area, IOWA, EPA Region 7

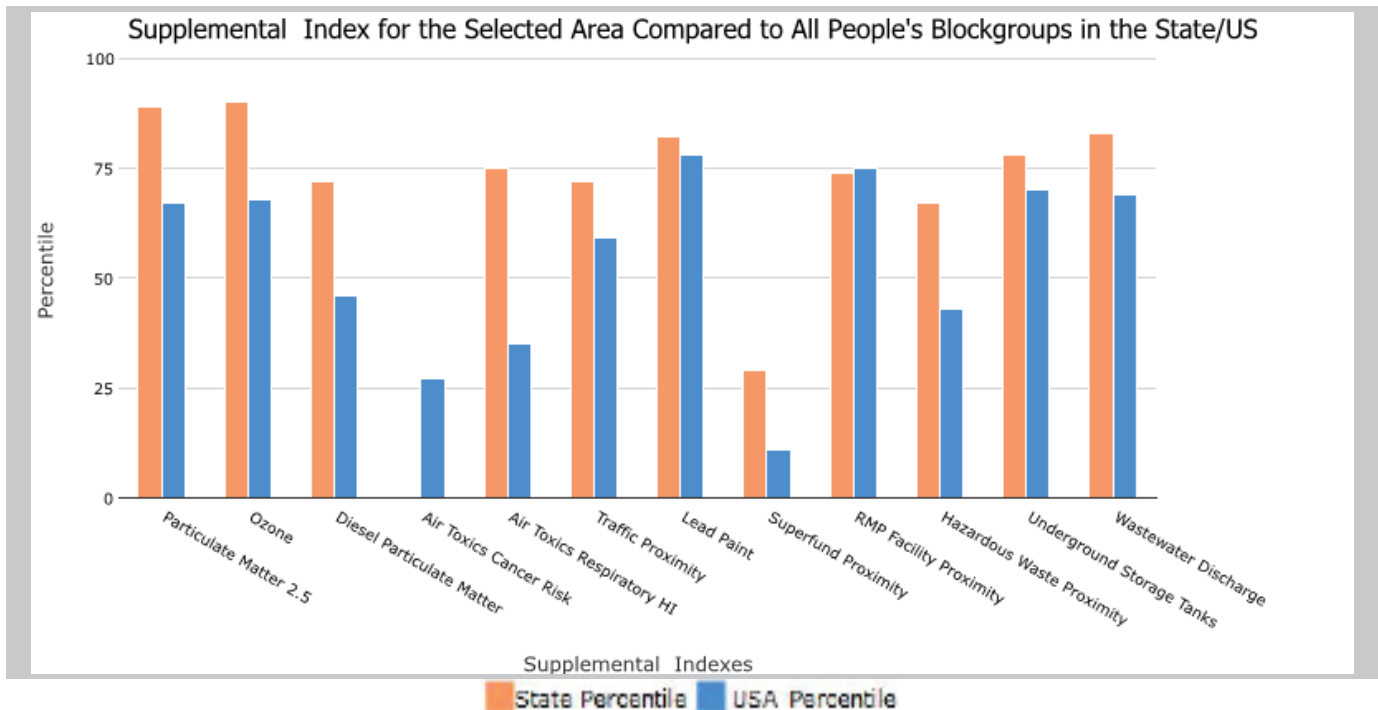
Approximate Population: 13,080

Input Area (sq. miles): 4.73

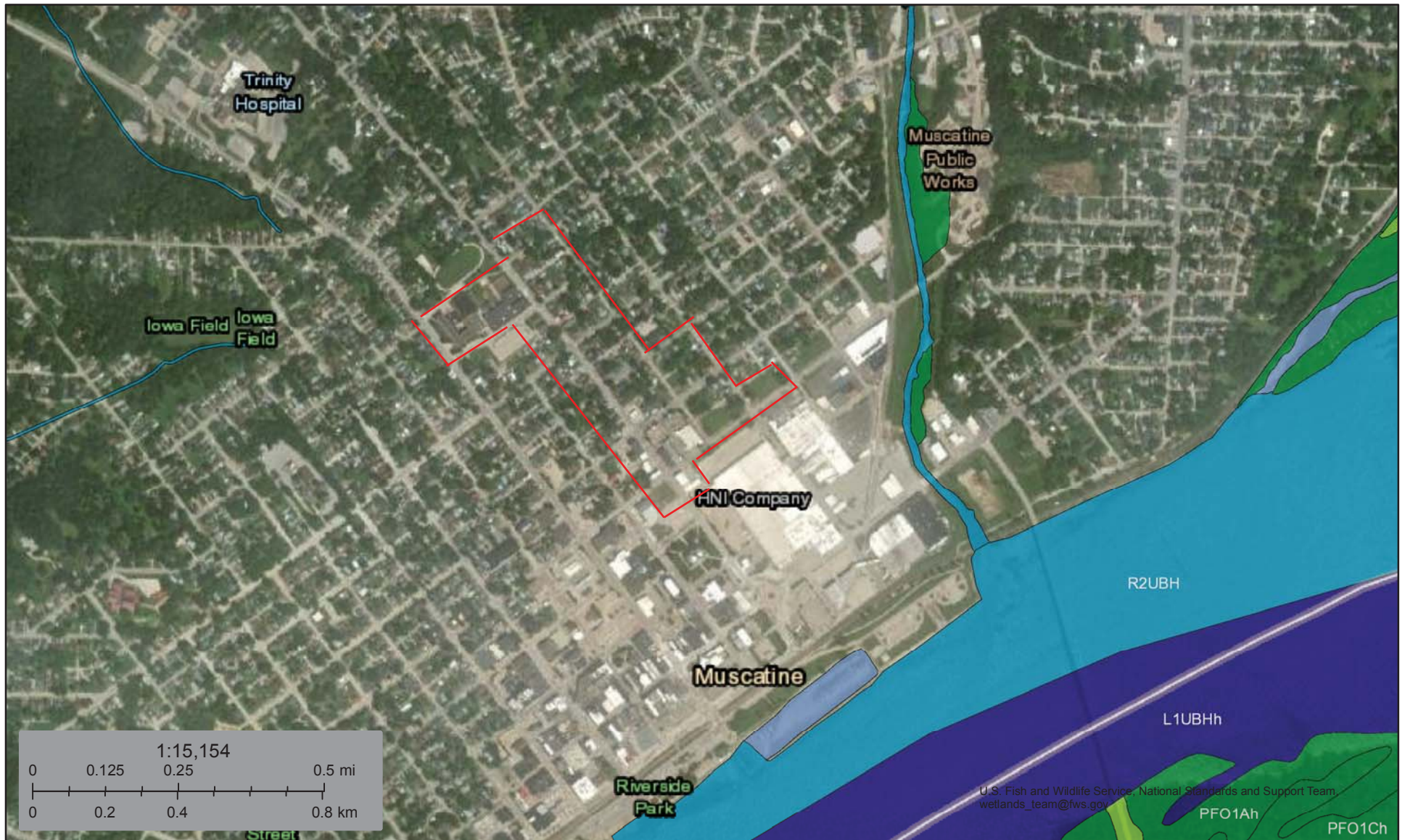
Musca CDBG CNRG

Selected Variables	State Percentile	USA Percentile
Supplemental Indexes		
Particulate Matter 2.5 Supplemental Index	89	67
Ozone Supplemental Index	90	68
Diesel Particulate Matter Supplemental Index*	72	46
Air Toxics Cancer Risk Supplemental Index*	0	27
Air Toxics Respiratory HI Supplemental Index*	75	35
Traffic Proximity Supplemental Index	72	59
Lead Paint Supplemental Index	82	78
Superfund Proximity Supplemental Index	29	11
RMP Facility Proximity Supplemental Index	74	75
Hazardous Waste Proximity Supplemental Index	67	43
Underground Storage Tanks Supplemental Index	78	70
Wastewater Discharge Supplemental Index	83	69

Supplemental Indexes - The supplemental indexes offer a different perspective on community-level vulnerability. They combine data on low-income, limited English speaking, less than high school education, unemployed, and low life expectancy populations with a single environmental indicator.



This report shows the values for environmental and demographic indicators, EJScreen indexes, and supplemental indexes. It shows environmental and demographic raw data (e.g., the estimated concentration of ozone in the air), and also shows what percentile each raw data value represents. These percentiles provide perspective on how the selected block group or buffer area compares to the entire state, EPA region, or nation. For example, if a given location is at the 95th percentile nationwide, this means that only 5 percent of the US population has a higher block group value than the average person in the location being analyzed. The years for which the data are available, and the methods used, vary across these indicators. Important caveats and uncertainties apply to this screening-level information, so it is essential to understand the limitations on appropriate interpretations and applications of these indicators. Please see EJScreen documentation for discussion of these issues before using reports. For additional information, see: www.epa.gov/environmentaljustice.



U.S. Fish and Wildlife Service, National Standards and Support Team,
wetlands_team@fws.gov

June 8, 2023

Wetlands_Alaska

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

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.



Rivers

Iowa

River	County	Reach	Length (miles)	Description	Potential Classification	ORVs	Watershed (HUC Code 8)	Year Listed/Updated	Other State
Boone River	Hamilton and Webster	From Webster City to confluence with Des Moines River.	26	Iowa's first designated "Protected Water Area." Identified for its scenic and natural qualities, including relatively undisturbed riparian habitat and excellent smallmouth bass fishery.	Recreational	Fish, Recreational, Scenic, Wildlife	Middle Des Moines	1995	
Cedar River	Louisa, Muscatine	Highway 6 to mouth at Iowa River	31	Two federally listed endangered species of mussel and one federally listed species of bat may be found along the river; potentially rich in cultural resources; nice streamside relief with		Cultural, Fish, Wildlife	Lower Cedar	1982	

				bluffs and ridges.				
Maquoketa River	Jackson, Jones	US 151 Bridge to Mississippi River (omit small reservoir northwest of Maquoketa)	81	River cuts narrow, gorge-like valley up to 150 feet deep through limestone; excellent water quality supporting productive smallmouth bass fishery; potentially rich in cultural resources; threatened northern wild monkshood has been found in basin.		Cultural, Fish, Geologic, Historic, Recreational, Scenic, Wildlife, Other	Maquoketa	1982
Middle Raccoon River	Gutherie and Dallas	City of Panora to the city of Redfield dam.	17	A designated Iowa "Protected Water Area." Beautiful canoe route with good access. Excellent smallmouth bass fishing and wildlife viewing.	Scenic	Fish, Recreational, Scenic, Wildlife	South Raccoon	1995
Turkey River	Clayton, Gayette, Winneshiek, Howard	Vernon Springs to Mississippi River	134	Gently rolling hills with dense stands of trees; good trout stream; high potential for significant cultural resources; northern wild monkshood, a federally listed endangered species, has been found in the basin.		Cultural, Fish, Geologic, Historic, Recreational, Scenic, Other	Turkey	1982

Upper Iowa River	Winneshick and Allamakee	City of Kendallville to Highway 76 crossing.	73	A designated "Protected Water Area." The state's most scenic canoe river with towering limestone outcroppings and beautiful riparian habitat. Good bass and trout fishing.	Wild	Scenic, Recreational, Geologic, Fish, Wildlife	Upper Iowa	1995
Wapsipinicon River	Clinton, Scott, Cedar, Jones, Linn, Buchanan, Black Hawk, Bremer	Frederika to mouth at Mississippi River omitting reservoir NW of Independence, IA.	215	A designated Iowa "Protected Water Area." Wide, wooded flood plain with only limited development and agricultural encroachment; wide diversity of fish and wildlife habitat; exposed geologic fault; historically valuable Stone City quarries.		Fish, Geologic, Historic, Scenic, Wildlife	Upper Wapsipinicon	1982
Yellow River	Allamakee	Highway W60 near Myron (section 3, Post Township) to boundary of Effigy Mounds National Monument	32	Heavily wooded with marked relief, camping and backpacking opportunities; unusual ecological niches and plant life, including the northern wild monkshood, a federally listed threatened plant,		Cultural, Fish, Historic, Recreational, Scenic, Wildlife	Coon-Yellow	1982

				has been found in the basin; good fishery; high potential for cultural resources (Effigy Mounds National Monument adjoins near mouth).				
Yellow River	Allamakee	Entire segment within Effigy Mounds National Monument	4	One of fastest falling rivers in state, providing excellent fishing and canoeing opportunities. Numerous prehistoric Indian burial mounds. Site of Jefferson Davis Sawmill upstream from boundary.	Scenic	Cultural, Geologic, Historic, Recreational, Scenic, Wildlife	Coon-Yellow	1982/1993

Last updated: November 30, 2016

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(<https://www.nps.gov/subjects/invasive>)

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Upper Delaware Scenic & Recreational River
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Iowa

