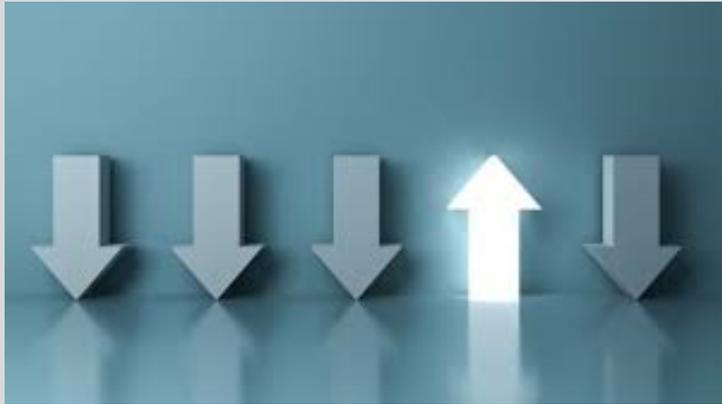


**NEW CRS
RESOURCES,
RECENT CHANGES
& COMMONLY
MISSED CREDITS**

*if it
were easy
everyone
would do it*

ON TAP FOR TODAY...



- **Who Are My ISO/CRS People?**
- **Recertification Reminders**
- **Recent Changes**
- **New Resources**
- **Don't Miss Out on Points**

DO YOU KNOW ABOUT CRS?

The NFIP's Community Rating System (CRS) credits community efforts beyond those minimum standards by providing discounts on flood insurance premiums for the community's property owners.



The total number of points your community earns determined your CRS class. Your discount on flood insurance premiums is based on your CRS class.

For example, if your community earns 4,500 points or more, it qualifies for Class 1, and property owners get a 45% discount on their insurance

premiums. If your community earns as little as 500 points, it's in Class 9, and property owners get a 5% discount. If a community does not apply or fails to receive at least 500 points, it's in Class 10, and property owners get no discount.

Table 1, below, shows the number of points required for each class and the corresponding discount.

Table 1. How Much Discount Property Owners in Your Community Can Get

| <i>CRS Class</i> | <i>CRS Discount</i> | <i>Credit Points Required</i> |
|------------------|---------------------|-------------------------------|
| 1 | 45% | 4,500+ |
| 2 | 40% | 4,000–4,499 |
| 3 | 35% | 3,500–3,999 |
| 4 | 30% | 3,000–3,499 |
| 5 | 25% | 2,500–2,999 |
| 6 | 20% | 2,000–2,499 |
| 7 | 15% | 1,500–1,999 |
| 8 | 10% | 1,000–1,499 |
| 9 | 5% | 500–999 |
| 10 | 0% | 0–499 |

WHO ARE MY ISO/CRS PEOPLE??

ISO/CRS Flood Specialist—Cycle Verification (and modification requests)

- **Every 3-5 years after initial application**
- **Excellent resource for CRS Program activity/element questions**

ISO/CRS Resource Specialist—Yearly Recertifications

- **Every year, either full recertification or annual construction certificate review (CC)**

CT ISO/CRS
CONTACTS

5-yr Cycle Specialist –

Sarah Mardon:

Sarah.Mardon@verisk.com

Annual Resource Specialist –

Sofia Hackett:

Sofia.Hackett@verisk.com

Stephanie Weeks:

Stephanie.Weeks@verisk.com

RECENT CHANGES

- Permits and Elevation Certificates are reviewed **annually**, instead of only at Cycles.
- Class 9 Prerequisite:
 - Receive credit for Construction Certificate Management Procedures.
 - Achieve 90% accuracy on the annual CC review.
- Class 8 Prerequisite:
 - Must adopt and enforce at least 1-foot freeboard for all residential buildings, including M/E & existing manufactured home parks. Review Ordinance Early.

New Activities

- Natural floodplain functions plan (NFP): Within NFP is credit for FSA and FSP
- Substantial damage management plan: (SDP): credit for a community plan to prepare for substantial damage estimates and determinations after a flood event.

CRS RESOURCES



OMB No. 1660-0022
Expires: March 31, 2020

National Flood Insurance Program
Community Rating System

Coordinator's Manual

FIA-15/2017



National Flood Insurance Program
Community Rating System

Addendum to the 2017 CRS Coordinator's Manual

2021



A Supplement to CRS Credit

October 2023



National Flood Insurance Program
Community Rating System

<https://CRSResources.org>

CRS RESOURCES



[Home](#) ▾ [Manual](#) [100 Series](#) [200 Series](#) ▾ [300 Series](#) [400 Series](#) [500 Series](#) [600 Series](#) [700 Series](#) [Training & Videos](#) [Other Resources](#)

CRS Resources Home

This is the temporary location of the CRS Resources website. This site is provided for Community Rating System (CRS) coordinators, webinar participants, and CRS Users Groups to obtain reference materials related to the CRS. Here you will find documents, worksheets, and tools relevant to the activities credited under the CRS Coordinator's Manual. Other information regarding the National Flood Insurance Program's CRS program can be found on the [CRS page at the FEMA.gov website](#).

Use the menu above to find resources organized by CRS Activity.

[Download the CRS Coordinator's Manual](#)

New communities can [click here to find the CRS Application and Quick Check](#).

Helpful Resources

The following guides, checklists and other materials, most of them referred to in the CRS Coordinator's Manual, are optional aids to help communities with their CRS programs.

- The Community CRS Coordinator—A one-page guide to help a community determine who to appoint to coordinate its local CRS efforts. Refer to Section 212 of the Coordinator's Manual. ([Download .pdf](#))
- Program Data Table—A stand-alone version, in two formats, of the table filled out by CRS communities with their annual recertification. ([Download .pdf](#) | [Download .docx](#))
- Illustrations reproduced from the Coordinator's Manual.
 - Figure 320-1, Sample log for map information service ([Download .docx](#))
 - Figure 320-2, Sample map information record ([Download .docx](#))
 - Figure 320-3, A handout on the Mandatory Purchase requirement ([Download .docx](#))
 - Figure 340-2, Handout on the "Flood hazard—check before you buy" ([Download .docx](#))
 - Figure 500-3 A sample outreach letter to owners of repetitive loss properties ([Download .docx](#))
- Verification Checklist—See pages 5-7 of FEMA Form 089-0-035A. Refer to Section 230 of the Coordinator's Manual. ([Download .pdf](#))
- Impact Adjustment Maps—An overview and step-by-step guide to producing a map to help analyze and pinpoint the impact of floodplain management techniques. Refer to Section 231 of the Coordinator's Manual. ([Download .pdf](#))
- Small Communities in the CRS—A six-page fact sheet to help small communities gauge, step-by-step, their ability to participate in the CRS, along with explanation of program benefits. Refer to Section 231 of the Coordinator's Manual. ([Download .pdf](#))
- Annual Recertification Schedule—A state-by-state schedule of due dates for community recertifications in the CRS.
- CRS Community Self Assessment—A simple tool to help communities better understand the risks and benefits inherent in their floodplains and which CRS activities may most benefit them. Refer to Section 240 of the Coordinator's Manual.
- United States Army Corps of Engineers Sea-Level Change Curve Calculator—An online tool for determining projected sea levels at specific locales in the United States. ([View on USACE website](#))

State Profiles

[VIEW STATE PROFILES](#)

[Click Here for State-based Credit Reports](#)

<https://CRSResources.org>

USING THE MANUAL/ADDENDUM



OMB No. 1660-0022
Expires: March 31, 2020

National Flood Insurance Program
Community Rating System

Coordinator's Manual

FIA-15/2017



Floodplain Management Planning

512.c. Natural floodplain functions plan (NFP)

The maximum credit for this element is 100 points.

NFP credit is provided for adopting plans that protect one or more natural functions within the community's floodplain. Examples include

- A habitat conservation plan that explains and recommends actions to protect rare, threatened, or endangered aquatic or riparian species.
- A habitat protection or restoration plan that identifies critical habitat within the floodplain, actions to protect remaining habitat, and/or actions to restore fully functioning habitat. Frequently this will result in the preservation and/or restoration of riparian habitat that is necessary for water-dependent species.
- A "green infrastructure plan" that identifies open space corridors or connected networks of wetlands, woodlands, wildlife habitats, wilderness, and other areas that support native species, maintain natural ecological processes, and/or sustain air and water resources (for credit, the corridors or networks must include some floodplains).
- A plan or section of a comprehensive or other community plan that includes an inventory of the ecological attributes of the watershed and/or the floodplain and recommends appropriate actions for protecting them, provided that the recommendations are implemented through a mechanism such as a development regulation, development order, grant program, or capital improvement plan.

Note: Element NFP052, section 2 of the natural floodplain functions open space credit under Activity 420 (Open Space Preservation), provides bonus credit for open space parcels that are designated in a plan to protect natural functions. A plan that receives NFP credit qualifies parcels for this extra open space credit.

Credit Criteria for NFP

(1) For all plans:

- (a) The plan may cover more than one community, but it must identify the natural floodplain functions present within the community and have an impact on those functions within the community seeking credit.
- (b) The plan must be adopted. If the plan is not a community plan adopted by the community's governing body, it must be adopted by the appropriate regional agency.
- (c) The plan must be updated at least once every 10 years. The update must include a review of any changes to conditions as well as progress made since the original plan was prepared. Any changes to the adopted plan must be approved by the original adopting agency.
- (d) The plan must include an inventory of the species and/or habitat present within the floodplain and action items for protecting one or more identified species of interest and natural floodplain functions. The action items must describe who is responsible for implementing the action, how it will be funded, and when it will be done.

Floodplain Management Planning

General policy statements with no means of implementation are not considered action items.

- (2) For NFP1: A plan for NFP1 credit must include a comprehensive inventory of the natural floodplain habitat within the community. It must identify areas that warrant protection or preservation in order to maintain fully functioning habitat for the species of interest. Where threatened or endangered species are present, each species must be addressed and a restoration plan must be included.
- (3) For NFP2: This sub-element credits other plans that meet the credit criteria listed in (1), but that do not address the entire SFHA or all of the species present. These could be single-issue or single-species plans or plans that cover only one area of the community's floodplain.

Credit Points for NFP

NFP = EITHER

NFP1 = 100 points, for a plan, or combination of plans, that meets credit criteria (1) and (2) and covers the entire SFHA within a community

OR

NFP2 = 15 x the number of plans that meet credit criterion (1), up to four plans (60 points maximum)

Impact Adjustment for NFP

There is no impact adjustment for this element. The NFP1 plan must cover the entire community or all of the community's SFHA. Each NFP2 plan receives 15 points regardless of the extent of the area covered.

Documentation for NFP Provided by the Community

(1) At each verification visit,

- (a) A copy of each natural floodplain functions plan or update to a plan that the community wants credited.
- (b) A copy of the resolution or other formal adoption action.

FRIENDLY REMINDERS

Reminders for Annual Recertification

- Recertification is to ensure continued implementation - not Class Changes.
 - However, it could result in a Class Change. (i.e., remove FRB)
- CT Communities recertify in the 1st quarter
 - Email Sent → Dec. 15
 - Due Date → Feb. 1
- Only include finished construction certs for insurable structures
- Fill out Section G – Elevation Certificates

Community Floodville, Town of _____ State FL CID 999999
County Flood _____

COMMUNITY RATING SYSTEM ANNUAL RECERTIFICATION

Your community has been verified as receiving CRS credit for the following Activities.

- If your community is still implementing these activities the CRS coordinator is required to put his or her initials in the blank (do not use a checkmark or an "X") and attach the appropriate items. A blank with no initials indicates you are not implementing that Activity anymore, and will result in loss of points (and possible CRS Class).
- If the word "attached" is used you must provide the requested documentation for that Activity. If no documentation has been acquired for that Activity, please explain why there is no documentation from the past year.

310 EC: We are maintaining Elevation Certificates, Floodproofing Certificates, Basement Floodproofing Certificates, V Zone design certificates and engineered opening certificates on all new construction and substantially improved buildings in our Special Flood Hazard Area (SFHA) and make copies of all Certificates available at our present office location. [_____] Initial here is you have had no new construction or substantial improvement in the SFHA in the last year.

310 EC: Attached is the permit list for only new or substantially improved structures in the SFHA that have been completed in the last year. We have permitted 4 new building and substantial improvements in the SFHA during this reporting period.

310 EC: Attached are all the Certificates for new or substantially improved structures that have been completed during this reporting period that are included on the above permit list. (Note: The total number of Elevation and Floodproofing certificates should match the number of permits issued and completed within the reporting period defined above. All permits issued for new construction or substantial improvement within the V zone should have both an Elevation Certificate and a V Zone Certificate, and all buildings with basements within the basement exemption communities should have both an Elevation Certificate and a Basement Floodproofing Certificate).

320 MI 1: We are providing basic flood information to inquirers. We also continue to provide the following to inquirers:

- MI 2 additional FIRM information
- MI 4 flood depth data
- MI 7 natural floodplain functions

320 MI: Attached is a copy of the publicity for the credited elements of this service this year.

Community Certifications CC-213-1 Edition: 2017

FRIENDLY REMINDERS

Form Instructions

ELEVATION CERTIFICATE

IMPORTANT: MUST FOLLOW THE INSTRUCTIONS ON INSTRUCTION PAGES 1-11

| | |
|--|----------------------------------|
| Building Street Address (including Apt., Unit, Suite, and/or Bldg. No.) or P.O. Route and Box No.: | FOR INSURANCE COMPANY USE |
| City: _____ State: _____ ZIP Code: _____ | Policy Number: _____ |
| | Company NAIC Number: _____ |

SECTION G – COMMUNITY INFORMATION (RECOMMENDED FOR COMMUNITY OFFICIAL COMPLETION)

The local official who is authorized by law or ordinance to administer the community's floodplain management ordinance can complete Section A, B, C, E, G, or H of this Elevation Certificate. Complete the applicable item(s) and sign below when:

- G1. The information in Section C was taken from other documentation that has been signed and sealed by a licensed surveyor, engineer, or architect who is authorized by state law to certify elevation information. (Indicate the source and date of the elevation data in the Comments area below.)
- G2.a. A local official completed Section E for a building located in Zone A (without a BFE), Zone AO, or Zone AR/AO, or when item E5 is completed for a building located in Zone AO.
- G2.b. A local official completed Section H for insurance purposes.
- G3. In the Comments area of Section G, the local official describes specific corrections to the information in Sections A, B, E and H.
- G4. The following information (Items G5–G11) is provided for community floodplain management purposes.
- G5. Permit Number: _____ G6. Date Permit Issued: _____
- G7. Date Certificate of Compliance/Occupancy Issued: _____
- G8. This permit has been issued for: New Construction Substantial Improvement
- G9.a. Elevation of as-built lowest floor (including basement) of the building: _____ feet meters Datum: _____
- G9.b. Elevation of bottom of as-built lowest horizontal structural member: _____ feet meters Datum: _____
- G10.a. BFE (or depth in Zone AO) of flooding at the building site: _____ feet meters Datum: _____
- G10.b. Community's minimum elevation (or depth in Zone AO) requirement for the lowest floor or lowest horizontal structural member: _____ feet meters Datum: _____
- G11. Variance issued? Yes No If yes, attach documentation and describe in the Comments area.

The local official who provides information in Section G must sign here. I have completed the information in Section G and certify that it is correct to the best of my knowledge. If applicable, I have also provided specific corrections in the Comments area of this section.

Local Official's Name: _____ Title: _____

NFIP Community Name: _____

Telephone: _____ Ext.: _____ Email: _____

Address: _____

City: _____ State: _____ ZIP Code: _____

Signature: _____ Date: _____

Comments (including type of equipment and location, per G2.c, description of any attachments, and corrections to specific information in Sections A, B, D, E, or H):

NEW RESOURCES



CRS Submit is a web-based tool that allows communities to easily provide their ISO/CRS Specialist with the documentation necessary for their participation in the CRS.



CRSViz.com allows the public to search and visualize data connected to the Community Rating System.



CRS Submit

<https://crssubmit.com>

CRS Submit Give Feedback

Fort Worth, City Of (TX)

480596 ⌚ Pending ✉ Contact ISO / CRS specialist

[Dashboard](#) Fort Worth, City Of: [Welcome](#)

Welcome to CRS Submit

CRS Submit is a web-based tool that allows communities to easily provide their ISO/CRS Specialist with the documentation necessary for their participation in the CRS. It is designed to work in conjunction with your specialist and the [CRS Coordinator's Manual](#)

Verification: Pending

In this section you can navigate through the CRS Activities and Elements to upload the documentation for your submittal package. If you have questions along the way, please don't hesitate to contact your ISO/CRS Specialist for guidance.

[Go to submission](#)

PROGRESS TRACKER

Step 3/6

- Account Created
- Submittal Process Started
- Document upload in progress
 - Elements Pursued 22
 - Elements Completed 20
 - Elements In Progress 2
- Documents Submitted for Review
- Verification Unlocked. Additional Documents Required
- Verification Complete

Latest activities

Stephanie Weeks
2/18/23 9:08 AM
Login to FORT WORTH, CITY OF

Stephanie Weeks
2/18/23 9:00 AM



CRS Submit

<https://crssubmit.com>

CRS Submit Give Feedback

Fort Worth, City Of (TX) Final Submit

480596 Pending Contact ISO / CRS specialist

[Dashboard](#) Fort Worth, City Of: [Submission](#)

Search by Element Name or Acronym

KEY TO STATUS SYMBOLS

- IN PROGRESS
- ADDED TO SUBMISSION
- NOT PURSUING

- 200 PROCEDURES
- 300 PUBLIC INFORMATION ACTIVITIES
 - 310 Elevation Certificates
 - 320 Map Information Service
 - 330 Outreach Projects
 - OP Outreach Projects
 - FRP** Flood Response Preparations
 - PPI Program for Public Information
 - STK Stakeholder Delivery
 - 340 Hazard Disclosure
 - 350 Flood Protection Information
 - 360 Flood Protection Assistance
 - 370 Flood Insurance Promotion
- 400 MAPPING AND REGULATIONS
- 500 FLOOD DAMAGE REDUCTION
- 600 WARNING AND RESPONSE

FRP Flood Response Preparations

FRP credits developing a pre-flood plan for public information projects that will be implemented during and after a flood. A flood response preparations package is a collection of outreach projects prepared in advance, but not delivered until a flood occurs. These materials may include templates and masters of handouts, mailers, press releases, etc. that cover key messages that need to be disseminated before, during, and after a flood. The package must include both the materials that will be needed and the procedures for how they will be used.

Jump to Section of Manual

CRS Coordinator's Manual

More Helpful Resources

- Outreach Project Credit Worksheets
- Flood Response Preparations Project (FRP) Credit Worksheet

1 Elect to Pursue 2 Verify Eligibility 3 Upload Documents 4 Review Uploads 5 Complete

To pursue this element, click "Begin Element" below. On the screens that follow, you'll be asked to verify your community's eligibility and upload relevant documents. If you do not intend to pursue this element, simply click "Not Pursuing". If you're unsure whether to pursue this element, simply move on to another element using the navigation to the left.

Not pursuing Begin element



<https://www.crsviz.com/>

CRS Data Visualizations

CRSViz.com allows the public to search and visualize data connected to the Community Rating System.



State Profiles

UPDATED: OCTOBER 2022

Over 3.5 million policyholders participate in CRS communities that implement activities exceeding the minimum NFIP requirements. Although CRS communities represent only 5% of the over 22,000 communities participating in the NFIP, more than 65% of all flood insurance policies are written in CRS communities.



CRS Participation

UPDATED: OCTOBER 2022

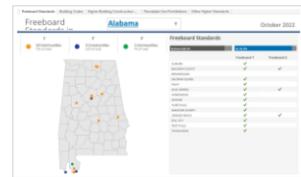
Over 1,500 communities participate in the Community Rating System (CRS), receiving discounts in flood insurance premiums that range from 5% to 45%. The CRS has ten CRS Classes and premium discounts are based on the community's class.



CRS Classifications

UPDATED: OCTOBER 2022

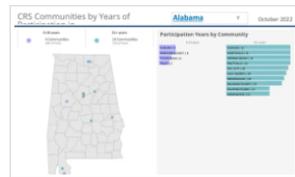
CRS classifications range from a Class 1 – 9, representing 45% to 5% in flood insurance discounts.



Higher Regulatory Standards

UPDATED: OCTOBER 2022

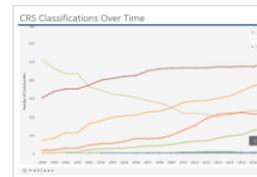
CRS Activity 430 – Higher Regulatory Standards is one of 19 activities where credits are provided for exceeding minimum national standards of the NFIP. It specifically addresses regulations to protect existing and future development and natural floodplain functions.



CRS Participation by Years

UPDATED: OCTOBER 2022

CRS has experienced continued growth in participation since its inception in 1990. Over 50% of today's participating communities have been enrolled for over 20 years, while 25% have joined in the last 10 years.



CRS Classes Over Time

UPDATED: OCTOBER 2022

The distribution of CRS classifications has changed over time as more communities join CRS and many improve their classes.

Freeboard Standards
Building Codes
Higher Building Construction ...
Floodplain Use Prohibitions
Other Higher Standards

Freeboard Standards in Connecticut

October 2024

0'

3 Communities
23% of Total

1'

8 Communities
62% of Total

2'

1 Communities
8% of Total

3'

1 Communities
8% of Total

Freeboard Standards

| | National 92.9% | CT 57.1% |
|---------------|----------------|-------------|
| | Freeboard 1 | Freeboard 2 |
| EAST LYME | | |
| FAIRFIELD | ✓ | |
| GUILFORD | ✓ | |
| MILFORD | | |
| NEW HAVEN | ✓ | |
| NEWTOWN | ✓ | |
| NORWICH | ✓ | |
| STAMFORD | ✓ | |
| STONINGTON | ✓ | |
| STRATFORD | | |
| TRUMBULL | | |
| WEST HARTFORD | ✓ | |
| WESTPORT | | |

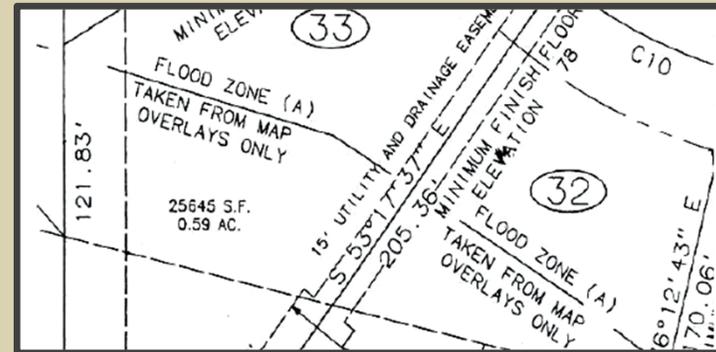
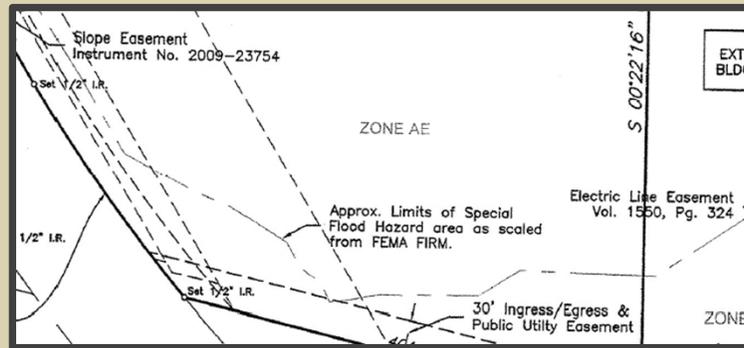
CLIMBING TO THE TOP
OF THE TREE IS
COMMENDABLE AND
ENCOURAGED, BUT
DON'T GET
DISTRACTED AND
FORGET TO GET THE
STUFF THAT'S EASIEST.



Commonly
Overlooked

340 ODR & 350 WEB

340: Hazard Disclosure - ODR for Plat Regulations



350:WEB2 – Real Time Gages

USGS - Local Tide and River Gage Information

- [Pawcatuck River at Westerly \(USGS 01118500\)](#)
- [Watch Hill Cove Tide Gage, Westerly, RI \(USGS 411838071513000\)](#)

If you have any flood related questions please contact the Town Engineer & Floodplain Manager at (860) 535-5076.

510 NFP & 420 NFOS

512.c. Natural floodplain functions plan (NFP)

The maximum credit for this element is 100 points.

NFP credit is provided for adopting plans that protect one or more natural functions within the community's floodplain. Examples include

- A habitat conservation plan that explains and recommends actions to protect rare, threatened, or endangered aquatic or riparian species.
- A habitat protection or restoration plan that identifies critical habitat within the floodplain, actions to protect remaining habitat, and/or actions to restore fully functioning habitat. Frequently this will result in the preservation and/or restoration of riparian habitat that is necessary for water-dependent species.
- A "green infrastructure plan" that identifies open space corridors or connected networks of wetlands, woodlands, wildlife habitats, wilderness, and other areas that support native species, maintain natural ecological processes, and/or sustain air and water resources (for credit, the corridors or networks must include some floodplains).
- A plan or section of a comprehensive or other community plan that includes an inventory of the ecological attributes of the watershed and/or the floodplain and recommends appropriate actions for protecting them, provided that the recommendations are implemented through a mechanism such as a development regulation, development order, grant program, or capital improvement plan.

NOTE: Element NFOS2, (section 2 of the natural floodplain functions open space credit under Activity 420 (Open Space Preservation)), provides bonus credit for open space parcels that are designated in a plan to protect natural functions. A plan that receives NFP credit qualifies parcels for this extra open space credit.

Credit Criteria for NFP

(1) For all plans:

- (a) The plan may cover more than one community, but it must identify the natural floodplain functions present within the community and have an impact on those functions within the community seeking credit.
- (b) The plan must be adopted. If the plan is not a community plan adopted by the community's governing body, it must be adopted by the appropriate regional agency.
- (c) The plan must be updated at least once every 10 years. The update must include a review of any changes to conditions as well as progress made since the original plan was prepared. Any changes to the adopted plan must be approved by the original adopting agency.
- (d) The plan must include an inventory of the species and/or habitat present within the floodplain and action items for protecting one or more identified species of interest and natural floodplain functions. The action items must describe who is responsible for implementing the action, how it will be funded, and when it will be done.

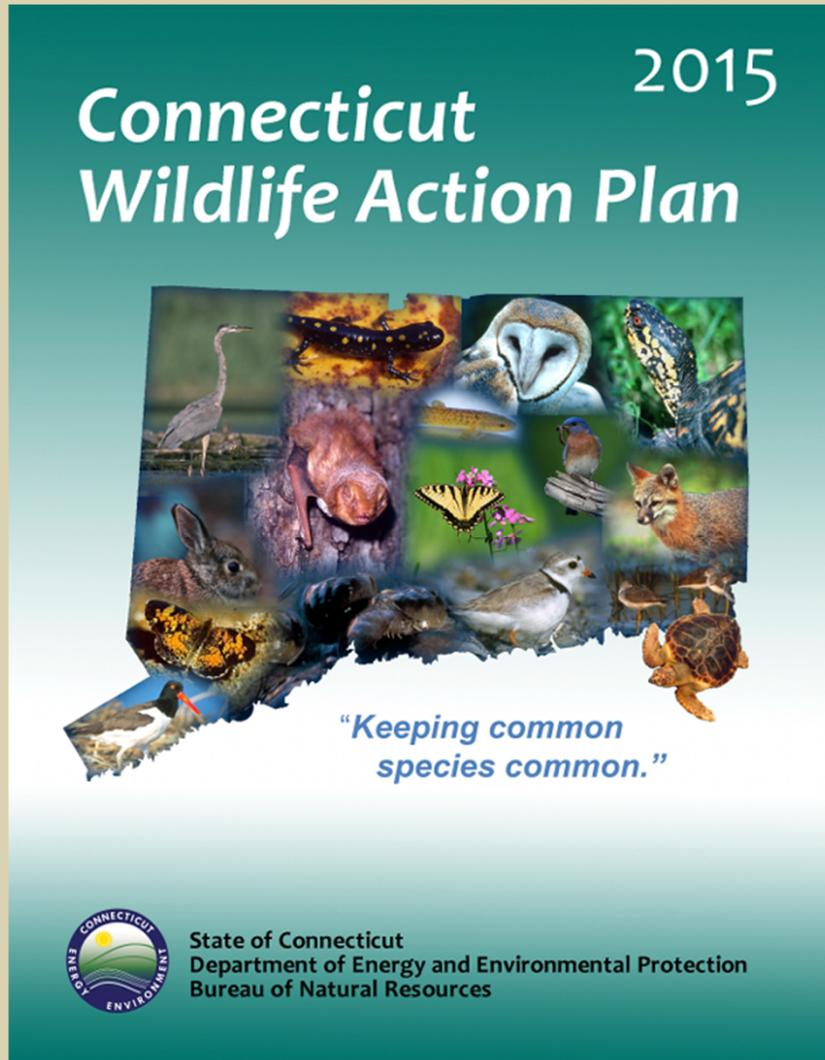
Open Space Preservation

(3) NFOS2: Credit is provided if parcels credited as NFOS1 are also designated in a plan to protect natural functions. The plan must meet the criteria for a natural floodplain functions plan (NFP) credited in Activity 510 (Floodplain Management Planning).

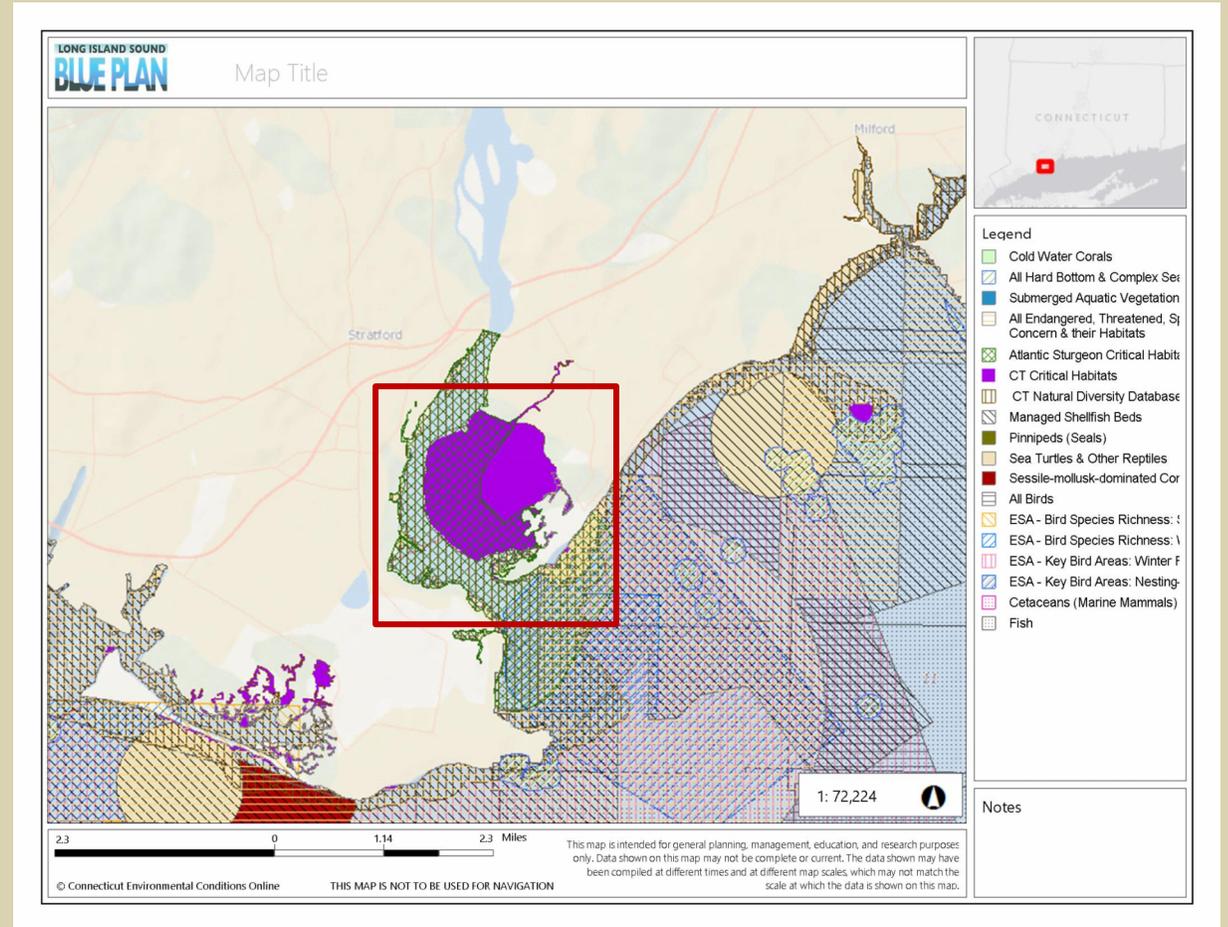
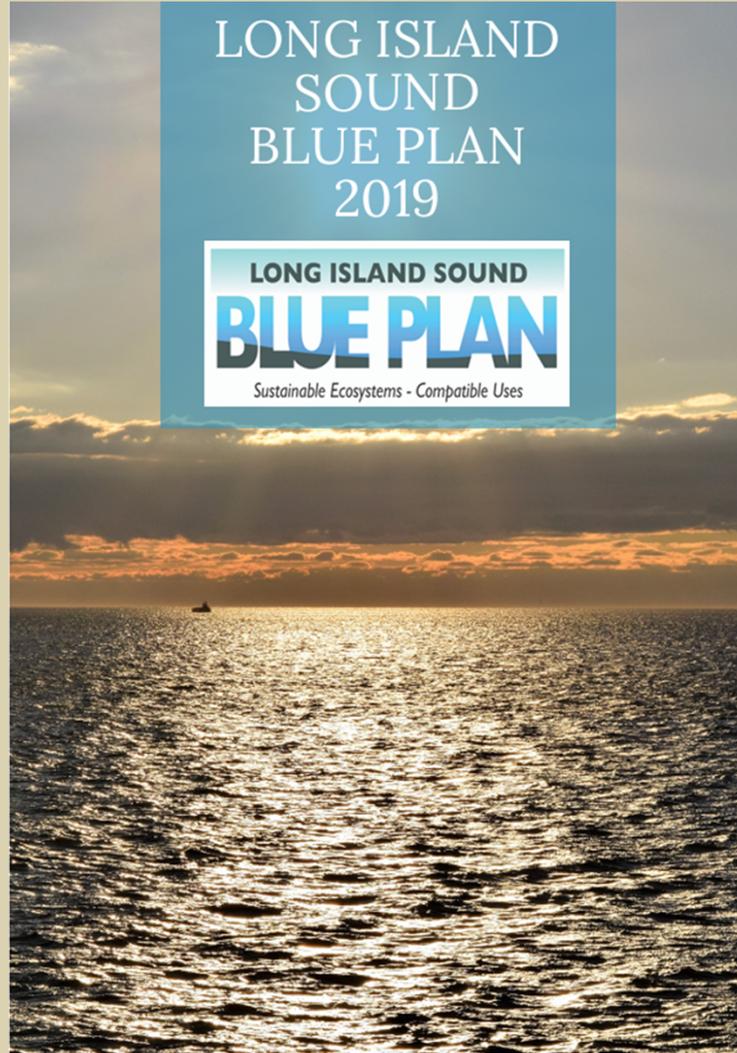
(4) NFOS3: Credit is provided if parcels credited as NFOS1 are designated as critical habitat for threatened or endangered species or if the species is present. "Threatened or endangered species" include those already on a federal or state list and those on an official federal or state list of "species of concern."

(5) NFOS4: Credit is provided if parcels credited as NFOS1 are also in a designated open space corridor or connected network. This credits a designated open space corridor or connected network of wetlands, woodlands, wildlife habitats, wilderness, and other areas that support native species, maintain natural ecological processes, and sustain air and water resources. "Designated open space corridor" means the property has been identified for its corridor or network value in an approved plan. Such a network sometimes is called "green infrastructure."

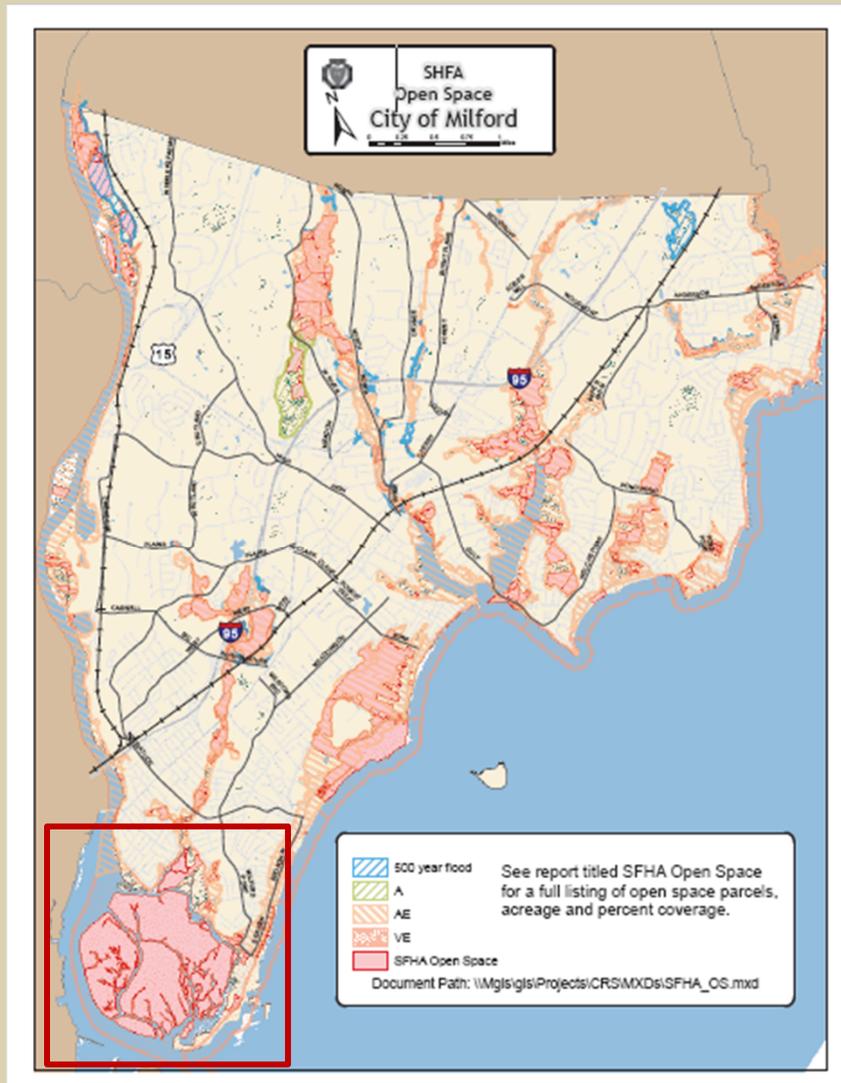
510 NFP & 420 NFOS



510 NFP & NFOS



510 NFP & 420 NFOS



Credit Breakdown:

510: Credit for the Natural Floodplain Functions Plan – If a plan covers entire SFHA, 100 points. If it only covers one area, it is **15 pts. per plan**

420: Credit for preserving the area as OSP, plus:

NFOS1 – approx. 18 points

NFOS2 – approx. 5 points

NFOS3 – approx. 5 points

Total approx. 43 points for this one plan and area of OSP

420 OSI

420: Open Space Incentives – through zoning, etc.

OSI1 – Require all floodplain be set aside in a subdivision. (partial credit for smaller %)

OSI2 - Each new lot, on natural high ground.

OSI3 – Each new lot, to extent possible, on natural high ground.

OSI4 – Density Transfers for staying out of floodplain

OSI5 – PUD/Cluster Regulations

OSI6 – Tax incentives for keeping floodplain open

OSI7 – Land Use Plan recommends Open Space use of floodplain.

**NEED REGULATIONS AND DOCUMENTATION SHOWING
HOW THEY ARE ENFORCED (PLATS, PLANS ETC.)**

430 OHS & 420 NSP

430 Other Higher Standards

- Regulating areas that have been removed via LOMR
- Requiring streets be elevated at or above BFE.
- All buildings must be elevated (no floodproofing allowed)
- Areas outside the SFHA but below BFE are regulated

420 Natural Shoreline Protection (channels too)

- Regulations to protect natural stream bank where it still exists.

Need stream length that is subject to regulations AND length of streams that are protected with concrete bank or other armoring

MISSED OPPORTUNITIES

520: Acquisition and Relocation

- Acquired with **any** funding source since NFIP entry.
- Regular Buildings in 100-yr FP (not RL/SRL).
- RL/SRL Buildings in or out of 100-yr FP.
- Must qualify as OSP.

530: Flood Protection

- Elevations, Floodproofing, Channel Mods., Diversions, Sewer Backup, Basins.
- Flood protected with **any** funding source since NFIP entry.
- Regular Buildings in 100-yr FP (not RL/SRL).
- RL/SRL Buildings in or out of 100-yr FP.
- Must not have been SD. (NFIP Min.)

630 SDS

630: State Dam Safety

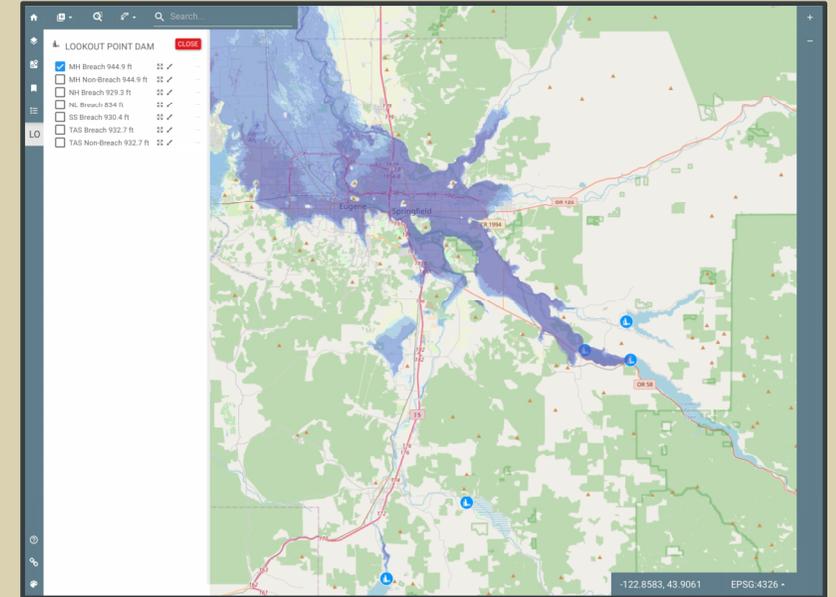
- 28 points SDS

Credit Criteria:

- There must be at least one insurable building within the community that is subject to inundation from the failure of a high-hazard-potential dam for SDS

Documentation Required:

- The community must have a description of the dam failure threat and a dam failure inundation map.



Map is sufficient or excerpts from Hazard Mitigation Plan, showing the community would be impacted by a HH Dam Failure.

OPEN SPACE RESOURCES



FEMA Geospatial Resource Center [Hazard Pages](#) [Resources](#) [Data Catalog](#) [About](#)



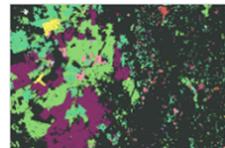
FEMA Geospatial Resource Center

FEMA GIS supports the emergency management community with world-class geospatial information, services, and prepare for, protect against, respond to, recover from and mitigate against all hazards.

Jump to: [USA Structures Data](#) | [Indices](#) | [Data Catalog](#) | [About](#) | [Join the Community](#)

[Home](#) [Gallery](#) [Map](#) [Scene](#) [Groups](#)

Open Space Preservation Community Rating System



This layer supports FEMA's Open Space Preservation Activity 420 for the Community Rating System

Feature layer by [Landscape_Team](#)

Item created: Oct 27, 2017 Item updated: Jul 12, 2023 View count: 8,657

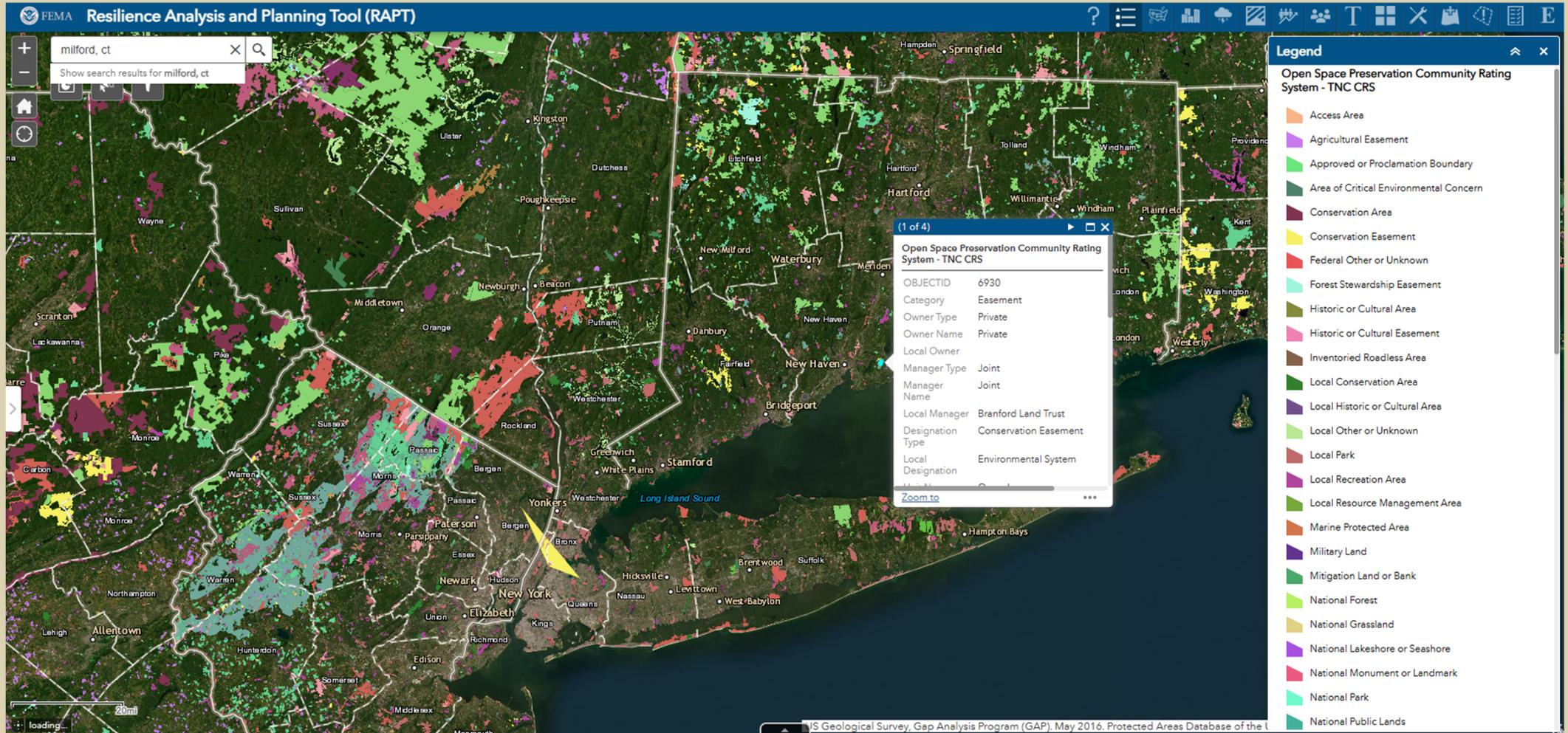
Description

This feature layer is intended to be used in conjunction with the [OSP Activity 420 for FEMA's CRS imagery layer](#).

This layer represents the relevant management attributes of areas that are likely eligible for Open Space Preservation (OSP) - Activity 422a credit through the Federal Emergency Management Agency's (FEMA) [Community Rating System \(CRS\)](#). It is intended to standardize screening-level OSP data for the U.S. and enable planners and floodplain managers across the nation to participate in the CRS program at a level that was not possible in the past due to data limitations. Ultimately, more communities participating in CRS will 1) help FEMA meet their mission to help communities prepare for, protect against, and recover from flood hazards, 2) help [The Nature Conservancy](#) meet their mission to make communities more resilient to flooding by conserving open space and restoring natural floodplain functions, and 3) make flood insurance more affordable for people both inside and outside of the regulatory floodplain. A tutorial on how to use this service can be found at [Assess open space to lower flood insurance cost](#).

Under the National Flood Insurance Program (NFIP), CRS is a voluntary program that provides flood insurance discounts to communities that take action to reduce their flood risk. The OSP activity is one of the largest point contributors and can greatly improve a CRS community's overall score, which incentivizes nature-based solutions to reduce flood risk while also making flood insurance more affordable. The data in this image service are a modified subset of the USGS's Protected Areas Database of the United States (PAD-US). In accordance with the [2017 CRS Manual](#) requirements Esri removed all Federally or Tribally owned or managed lands larger than 10 acres. The National Hydrography Database (NHD) was then intersected with the remaining PADUS areas to extract all bodies of water larger than 10 acres and major rivers. The resulting vector dataset was then converted to 30 m raster and snapped to the National Land Cover Database (NCLD) Impervious Surface Estimation dataset. The final imagery layer represents the IDs of each of those PAD-US polygons.

OPEN SPACE RESOURCES



CHECK YOUR SFHA ACREAGE

3 Areas to be excluded from your SFHA Acreage

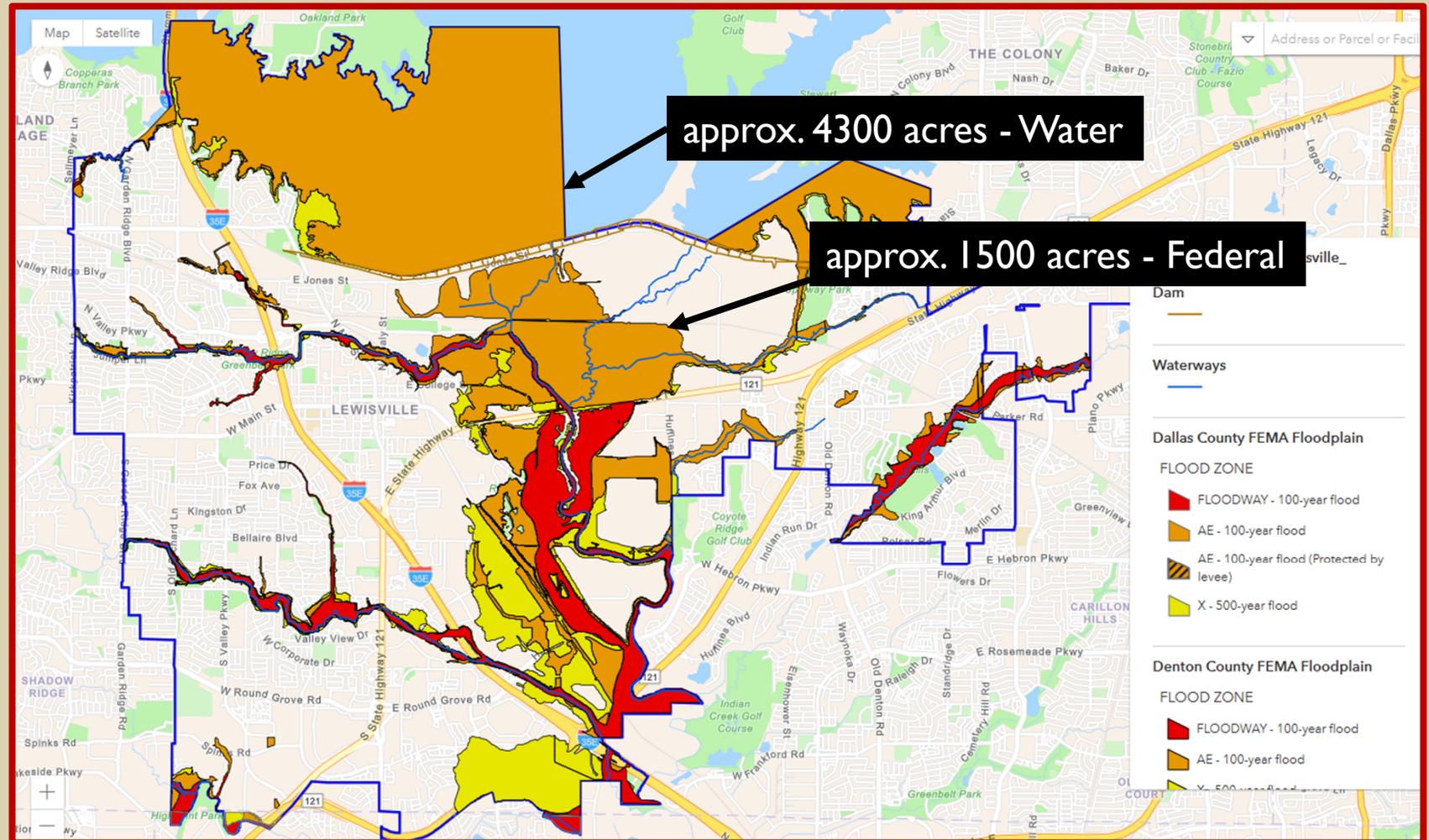
**OPEN WATER
> 10 ACRES**

**AREAS
BEYOND
REGULATORY
JURISDICTION**

**FEDERAL &
TRIBAL
LANDS**

CHECK YOUR SFHA ACREAGE

The inclusion of water and federal lands in the SFHA led to nearly **500-point difference**.
A full CRS Class



CHECK YOUR SFHA ACREAGE

OPEN WATER > 10
ACRES



ASK FOR HELP!

330 OUTREACH TIPS

**USE SOCIAL
MEDIA**

**2
PLATFORMS**



**MAX 5
POSTS PER
YEAR PER
TOPIC**

**ENGLISH
AND ONE
OTHER
LANGUAGE**

330 OUTREACH TIPS

**CLEARLY STATE
WHAT THE AUDIENCE
SHOULD DO**

“Everyone lives  a flood zone”

“The River flooded in 2001. See if
your area was  affected by calling
123-4567”

**TALK TO OTHER
DEPARTMENTS**

Environmental Quality

Emergency Management

CRS TRAININGS

NOTE: The FEMA.gov website is undergoing an upgrade — links to content there may be temporarily broken.



Training & Videos

Webinars on the Community Rating System

The CRS Webinar Series provides both live and on-demand training to communities that are not yet participating in the Community Rating System, local government staff who are new to the CRS, and those with experience in the program. The Series includes basic introductory sessions and more advanced topics, most averaging about an hour in length.

 All classes 1:00 pm Eastern/10:00 am Pacific

QUESTIONS??

THANK YOU!

Stephanie Weeks
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