

Community Washoe County State NV CID 320019
(6-digit NFIP Community Identification Number)

CC-230 Verification

Date of Visit	December 13, 2018	Initial FIRM Date	August 1, 1984
Population		Current FIRM Date	June 18, 2013
County	Washoe County	ISO/CRS Specialist	Constance Lake
Coordinator's Manual Year 2017			
Chief Executive Officer		CRS Coordinator	
Name		Leo Vesely	
Title		Licensed Engineer	
Address		1001 East Ninth Street Reno, NV 89512	
Phone number		(775) 328-2000	
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I hereby certify that Washoe County [community name] is implementing the following activities [check the ones that apply]. We will continue to implement these activities and will advise FEMA if any of them are not being conducted in accordance with this certification. We will cooperate with the ISO/CRS Specialist's verification visit and will submit the documentation and annual recertification needed to validate our program.

- | | |
|--|--|
| <input checked="" type="checkbox"/> 310 (Elevation Certificates) | <input checked="" type="checkbox"/> 440 (Flood Data Maintenance) |
| <input checked="" type="checkbox"/> 320 (Map Information Service) | <input checked="" type="checkbox"/> 450 (Stormwater Management) |
| <input checked="" type="checkbox"/> 330 (Outreach Projects) | <input type="checkbox"/> (Repetitive Loss Requirements) |
| <input checked="" type="checkbox"/> 340 (Hazard Disclosure) | <input checked="" type="checkbox"/> 510 (Floodplain Management Planning) |
| <input checked="" type="checkbox"/> 350 (Flood Protection Information) | <input type="checkbox"/> 520 (Acquisition and Relocation) |
| <input checked="" type="checkbox"/> 360 (Flood Protection Assistance) | <input type="checkbox"/> 530 (Flood Protection) |
| <input checked="" type="checkbox"/> 370 (Flood Insurance Promotion) | <input checked="" type="checkbox"/> 540 (Drainage System Maintenance) |
| <input checked="" type="checkbox"/> 410 (Floodplain Mapping) | <input checked="" type="checkbox"/> 610 (Flood Warning and Response) |
| <input checked="" type="checkbox"/> 420 (Open Space Preservation) | <input type="checkbox"/> 620 (Levees) |
| <input checked="" type="checkbox"/> 430 (Higher Regulatory Standards) | <input checked="" type="checkbox"/> 630 (Dams) |

I hereby certify that, to the best of my knowledge and belief, we are in full compliance with the minimum requirements of the NFIP and we understand that we must remain in full compliance with the minimum requirements of the NFIP. We understand that at any time we are not to be in full compliance, we will retrograde to a CRS Class 10.

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I hereby certify that we will maintain FEMA Elevation Certificates on all new buildings and substantial improvements constructed in the Special Flood Hazard Area following the date at which we joined the CRS.

I hereby certify that if there are one or more repetitive loss properties in our community that we must take certain actions that include reviewing and updating the list of repetitive loss properties, mapping repetitive loss areas, describing the cause of the losses, and sending an outreach project to those areas each year, and if we have fifty (50) or more repetitive loss properties must also prepare a plan of how it will address its repetitive flood problem.

I hereby certify that, to the best of my knowledge and belief, we are maintaining in force all flood insurance policies that have been required of us as a condition of Federal financial assistance for insurable buildings owned by us and located in the Special Flood Hazard Area shown on our Flood Insurance Rate Map. I further understand that disaster assistance for any community-owned building located in the Special Flood Hazard Area is reduced by the amount of National Flood Insurance Program flood insurance coverage (structural and contents) that a community should be carrying on the building, regardless of whether the community is carrying a policy.

Signature _____ (Chief Executive Officer)

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CRS Program Data Table	A. In the SFHA	B. In a regulated floodplain outside the SFHA	C. In the rest of the community
1. Last report's number of buildings in the SFHA (bSF) (line 6, last report)	3577		
2. Number of new buildings constructed since last report	+ 9		
3. Number of buildings removed/demolished since last report	- 0		
4. Number of buildings affected by map revisions since last report (+ or -)	0		
5. Number of buildings affected by corporate limits changes (+ or -)	0	0	
6. Current total number of buildings in the SFHA (bSF) (total lines 1 -5)	3586		
7. Number of substantial improvement/damage projects since last report	1		
8. Number of repetitive loss properties mitigated since last report	0		
9. Number of LOMRs and map revisions (not LOMAs) since last report	1		
10. Acreage of the SFHA (aSFHA) as of the last report (line 13, last report)	21,594		
11. Acreage of area(s) affected by map revisions since last report (+ or -)	-34.4		
12. Acreage of area(s) affected by corporate limits changes (+ or -)	0		
13. Current acreage of the SFHA (aSFHA) (total lines 10-12)	21973		
14. Primary source for building data:	Number of Elevation Certificates with finished construction submitted.		
15. Primary source for area data:	GIS Data		
16. Period covered:	July 1, 2017 to June 30, 2018	Current FIRM date	March 16, 2009
<i>If available, the following data would be useful:</i>			
17. Number of new manufactured homes installed since last report	1		
18. Number of other new 1 -4 family buildings constructed since last report	0		
19. Number of all other buildings constructed/installed since last report	0		

Comments:

(Please note the number of the line to which the comment refers.)

Lines 10, 13:

The aSFHA acreage used in this year's Washoe County CRS analysis shows a small increase over last year's acreage, but this difference is a result of improvements in the analytical process, not from an actual increase in flood-prone properties.

In Washoe County there are some areas which have no legally recorded description (they have never been surveyed or platted). One type of situation where this can occur are the lands surrounding water bodies or dry lakes (playas). These areas are essentially non-parcelized; ownership is not explicitly defined and no one pays taxes on these properties. In previous years it is possible that the analysis used by Washoe County did not account for these non-parcelized areas. Beginning with the 2018 CRS Cycle, we have improved the analysis workflow so that ALL areas within the county are accounted for, thus providing a more accurate result. From this point forward the improved workflow, as documented in the ArcGIS toolbox models supplied with our submittal, will provide consistent results.

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Instructions

At the first verification visit after the 2013 *CRS Coordinator's Manual* takes effect, ONLY LINES 6 AND 13 NEED TO BE COMPLETED. These lines form the baseline data about the number of buildings and area of the SFHA for when the table is completed as part of the next annual recertification. The "period covered" entered in line 16 is the date that lines 6 and 13 are first completed.

At all subsequent annual recertifications and cycle verification visits, the entire table is completed. The information in lines 6 and 13 from the last report is transferred to lines 1 and 10 in the next report.

Instructions for the Columns

Column A numbers are for the SFHA (the A and V Zones shown on the Flood Insurance Rate Map) (FIRM)). Use the FIRM currently in effect, not a draft or pending revision.

Column B is completed only if the community receives CRS credit for regulating floodplain development outside the SFHA under Activity 410 (Floodplain Mapping) or Activity 430 (Higher Regulatory Standards).

Column C numbers help relate what happens in the floodplain to what is happening in the rest of the community.

Enter "0" if there are no numbers to report for this period. Do not leave a cell blank. Do not fill in the shaded boxes.

Instructions for the Lines

Lines 1-7 deal with buildings.

- o Section 301.a of the *CRS Coordinator's Manual* defines what constitutes a "building" and lists examples of structures that are not counted as "buildings" by the CRS.
- o Section 302.a of the *CRS Coordinator's Manual* describes how the CRS counts buildings. For example, accessory structures are not counted.
- o As noted in Section 302.a, to determine building counts, communities may use any method that yields reasonably good estimates of the number of buildings. Examples of acceptable methods are listed in Section 302.a. Precision is less important for large numbers. For example, the impact of the numbers will not change much if there are 10,000 buildings or 10,100 buildings.
- o If a building is out of the SFHA, but in a parcel that is partly in the SFHA, it is not counted in column A --In the SFHA.
- o In line 14, note how the building counts were obtained or estimated. Use the comments area, if needed.

Line 4 refers to map revisions. These include physical map revisions, Letters of Map Revision (LOMR), and Letters of Map Amendment (LOMA). If a building is removed from the SFHA by FEMA through a LOMA, but the community still administers its floodplain management regulations on the property, the building should not be included in the line 4 count in column A --In the SFHA. However, communities that still regulate areas removed by LOMAs can receive credit under Activities 410 or 430. If the community is receiving such credit, the building should be counted under column B --In a regulated floodplain outside the SFHA.

Line 7 is for the total number of buildings that were substantially improved plus the number of buildings that were substantially damaged during the period covered.

Lines 10 -13 deal with areas.

- o These areas are based on the areas shown on the community's FIRM including LOMRs or LOMAs. Section 403.b discusses those portions of the SFHA that are subtracted from the area of the SFHA to calculate the community's aSFHA used in credit calculations.
- o Section 403.e of the *CRS Coordinator's Manual* discusses calculating areas for CRS purposes.
- o Section 403.e notes that communities "should not spend an inordinate amount of time measuring areas." As with buildings, communities may use any method that yields reasonably good estimates. Examples of acceptable approaches are listed in Section 403.e.
- o Line 13 asks for the current acreage of the SFHA. The best source for this number is a GIS layer that shows the SFHA. If the community does not have GIS, the county, regional agency, or state NFIP mapping office may have SFHA layers and may be able to provide the data. If the community has a relatively recent FIRM, the study contractor or consulting engineer may have the data.
- o In line 15, note how the area calculations were obtained or estimated. Use the comments area, if needed.

Lines 17 -19 are voluntary, if the numbers are readily available.

- o Line 17 includes replacing an existing manufactured home with a new one. The newly placed manufactured home is counted as a new, post-FIRM, building.
- o The total of lines 17 -19 should equal the value entered in line 2.

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