



Repetitive Loss Area Analysis 2022 Annual Progress Report

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Repetitive Loss Area Analysis

2019

Repetitive Loss Area Analysis Adoption

The Boynton Beach Repetitive Loss Analysis was January 21st, 2020, by unanimous vote by the City Commission of the City of Boynton Beach. The plan was submitted for a score and inclusion in the CRS verification process in 2021. The CRS program requires that Repetitive Loss Area Analysis be updated, at a minimum on a 5-year basis based on the date of adoption of the plan. An updated plan will be due on January 21, 2025.

Report Preparation and Distribution

The progress report was prepared by Lori Lehr in coordination with Angela Prymas, CRS Coordinator for the City of Boynton Beach. A copy of the 2019 Repetitive Loss Area Analysis can be obtained by emailing Angela Prymas: PrymasA@bbfl.us. The Annual Report will be published on the City's Flood Information Insurance page on the City's website: <https://www.boynton-beach.org/flood-information>

Description and Implementation of Action Items

Attachment 1 describes each action item in both General RL Area 1 and General RL Area 2 along with a statement of the progress of each of the action items. Most of the action items are ongoing and all the action items are on target for expected progress.

Recommendation for New Projects or Revised Recommendations

Currently there are no recommendations for new projects or revisions to projects.

General Area 1 Recommendations	Progress
1. Capital Stormwater Projects Implementation Specific to General Area 1	
<p>Two projects in particular are recommended to mitigate flooding in RLA 2. These are the grant-funded elevation project for one of the RL properties and the grant-funded stormwater drainage project in the Lakeside Gardens neighborhood, immediately adjacent to RLA 2. The Lakeside Gardens project may be completed by 2022. The elevation project is underway.</p>	<p>The City hired Baxter-Woodman to conduct Value Engineering. The Construction BID should be posted July 2022. Estimated construction time 18-months. The RL property was mitigated and the CRS RL data is being updated.</p>
2. Low Impact Development	
<p>For purposes of both flood mitigation and water quality improvement, it is recommended that low-impact development be promoted and encouraged in General Area 1. Low Impact Development is a sustainable stormwater management strategy that distributes stormwater across a project site in order to replenish groundwater supplies, rather than sending it into a system of storm drainpipes and channelized networks.</p>	<p>The City's Sustainability Coordinator continues to work with the stakeholders to promote low impact development.</p>
3. Flood Insurance Promotion	
<p>In 2015, the City began implementation of Activity 370, Flood Insurance Promotion, as outlined in the <i>2013 CRS Coordinator's Manual</i>. The intent has been to prioritize encouragement of property owners to purchase both content and building flood insurance. This effort continues. Furthermore, the City continues to conduct an annual outreach to all properties in the General Area 1 RLAs.</p>	<p>The City adopted a Program for Public Information which includes a plan for the promotion of flood insurance. The City continues to promote flood insurance by sending a brochure to all developed properties in the City. The brochure included endorsement by all of the elected officials and encourages property owners to purchase flood insurance. A second outreach is sent to both General Areas that expands on the risk in areas that have experienced repetitive flooding. The City continues to promote flood insurance message in the coverage improvement plan and the PPI committee assesses the trends in flood insurance annually.</p>

<p>4. Enhanced Floodplain Standards</p>	
<p>The City is championing the implementation of higher regulatory standards as it works together with other communities in the Southeast Florida Regional Climate Change Compact. Currently the City enforces a one-foot freeboard above the FEMA Flood Insurance Rate Map’s 100-year flood elevation for finish floor elevation of buildings,</p>	<p>The City continues to enforce at least 1 foot of freeboard on new structures in the SFHA. The City also has stormwater regulations that are higher standards and receive CRS credit. Other standards that are enforced to reduce the impact of flooding include additional elevation above the crown road and that structures are built on properly compacted fill. The City also has staff that that is well versed in floodplain regulation and engineering standards that reduce the impact of flooding.</p>
<p>5. Public Information Outreach</p>	
<p>The City established a Program for Public Information in 2015 that has strengthened the City’s public information outreach to the community. This activity should continue and grow, in accordance with the guidelines specified in the City’s 2015 Program for Public Information Report. One outreach each year is focused exclusively on the Repetitive Loss Areas, following the guidelines required by the CRS program.</p>	<p>The City adopted an update Program for Public Information in early 2021. The message in the Program were updated to encourage risk avoidance and to promote the purchase of flood insurance. One of the targeted audiences called out in the Program is the repetitive loss areas. The repetitive loss areas receive two types of outreaches annually.</p>
<p>6. Property Protection Measures</p>	
<p>Property owners are encouraged to take actions that will protect themselves and their properties from flood damage. This includes such actions as elevating equipment above published flood levels and implementing various measures. The City’s Development Services Department provides consultation to homeowners, as may be requested</p>	<p>The City continues to provide one on one consultation to property owners on ways to avoid or reduce future flooding. The City promotes and grant opportunities both for individual properties and for larger scale drainage project to reduce flooding in the areas subject to repetitive flood and flood loss. The mitigation measure on listed on Page 15 are considered and the most appropriate of the measures discussed with property owners on a case-by-case basis.</p>

General Area 2 Recommendations	
1. Capital Stormwater Projects Implementation Specific to General Area 2	
The installation of drainage from the street to the lake in RLA 4 is one capital structural project that may prove effective, particularly if the other less intensive recommended solutions prove ineffective or insufficient.	No progress.
2. Enforcement Project Specific to General Area 2	
The existing storm sewer pipe network in RLA 9 along SW 30th Avenue collects runoff from adjacent properties and outfalls into a series of drainage ditches starting approximately 0.21 miles south of SW 30th Avenue and extending north into the Lake Worth Drainage District’s Canal No. L-28. The City is in the process of citing the responsible business owners to restore the canals to the permitted cross sections. LWDD has also been contacted to cite the owner for the outfall control structure, to restore the structure to perform as originally intended.	The City visited the are several times to encourage the business to maintain the private property ditches. There is some progress. The ditches must be maintained regularly to provide optimal drainage.
3. Implementation of Enhanced Emergency Protocol with Lake Worth Drainage District	
Emergency protocol pertaining to effective utilization of gates and pumps should be established between the community and the Lake Worth Drainage District in RLA 4.	Enhanced Emergency Protocol with Lake Worth Drainage District – Pending due to Covid priorities

<p>4. Flood Insurance Promotion</p>	
<p>The City continues the implementation of Activity 370, Flood Insurance Promotion, as outlined in the <i>2017 CRS Coordinator’s Manual</i>, in its efforts to encourage property owners to purchase both content and building flood insurance. This effort will be continued on an annual basis to all properties in the General Area 2 RLAs.</p>	<p>The City adopted a Program for Public Information which includes a plan for the promotion of flood insurance. The City continues to promote flood insurance by sending a brochure to all developed properties in the City. The brochure include an endorsement by all of the elected officials and encourages property owners to purchase flood insurance. A second outreach is sent to both General Areas that expands on the risk in areas that have experienced repetitive flooding. The City continues to promote flood insurance message in the coverage improvement plan and the PPI committee assesses the trends in flood insurance annually.</p>
<p>5. Enhanced floodplain standards</p>	
<p>The City is championing the implementation of higher regulatory standards as it works together with other communities in the Southeast Florida Regional Climate Change Compact. Currently the City enforces a one-foot freeboard above the FEMA Flood Insurance Rate Map’s 100-year flood elevation for finish floor elevation of buildings,</p>	<p>The City continues to enforce at least 1 foot of freeboard on new structures in the SFHA. The City also has stormwater regulations that are higher standards and receive CRS credit. Other standards that are enforced to reduce the impact of flooding include additional elevation above the crown road and that structures are built on properly compacted fill. The City also has staff that that is well versed in floodplain regulation and engineering standards that reduce the impact of flooding.</p>

<p>6. Public Information Outreach</p>	
<p>The City has established a Program for Public Information that is strengthening the City’s public information outreach to the community. This activity should continue and grow, in accordance with the specific guidelines specified in the Program for Public Information Report. One mailed outreach a year is focused exclusively on the Repetitive Loss Areas with specific guidelines required by the CRS program.</p>	<p>The City adopted an update Program for Public Information in early 2021. The message in the Program were updated to encourage risk avoidance and to promote the purchase of flood insurance. One of the targeted audiences called out in the Program is the repetitive loss areas. The repetitive loss areas receive two types of outreach annually.</p>
<p>7. Property Protection Measures</p>	
<p>Property owners are encouraged to take actions that will protect themselves from flood damage. This will include such actions as elevating equipment above possible flood levels, and implementing various measures, such as those specified on page 15. Furthermore, the City’s Development Services Department will provide consultation to homeowners, as may be requested.</p>	<p>The City continues to provide one-on-one consultation to property owners on ways to avoid or reduce future flooding. The City promotes and grant opportunities both for individual properties and for larger scale drainage project to reduce flooding in the areas subject to repetitive flood and flood loss. The mitigation measure on listed on Page 15 are considered and the most appropriate of the measures discussed with property owners on a case-by-case basis.</p>