**Henrico County**

**No Impact Statement: General Engineering Analysis**

**Template and Instructions**

*(to support a No-Rise Certification)*

A No-Rise Certification is required for all development in Henrico County floodplains. No-Rise Certifications must be supported by technical data, and for some projects, a No Impact Statement may be used as this technical data. A No Impact Statement uses commonsense engineering approaches and high level calculations as justification of no impact to the floodplain. In some instances, no calculations may be needed for projects with obvious impact avoidance and adequate narratives.

**No Impact Statement Template**

A No Impact Statement template for a General Engineering Analysis is included at the end of this section for consideration and use by the certifying engineer for a development project.

**No Impact Statement Template Directions**

* The No Impact Statement template includes all sections that must be included in a report for review. This template can be incorporated into a different format that uses your company name, logo, design, etc., but the headings and general layout should remain the same.
* Some sections may not be applicable to all project types. These items have been labeled with “if applicable” and should be removed from the report if they are not applicable to the project.
* The Table of Contents for the template is linked to the headings. This table must be updated when the report is complete, so the table accurately reflects the final headings and page numbers.
* Appendix titles have been included in the template report. Several of the appendices will be large documents from other programs. These do not need to be added to the Word document. Instead, they should be added to the final PDF version of the report.

**Applicable Project Types**

Certifying engineers should review the [**Henrico County Floodplain Technical Guidance Manual, specifically Section 5.1.A.1 and Section 6.3.G**](https://henrico.us/pdfs/works/design/flood/HenricoFloodplainManual_FINAL.pdf), to determine if the proposed project may be eligible to use a No Impact Statement to support the No-Rise Certificate.

**DO NOT INCLUDE THIS PAGE IN YOUR SUBMISSION**

**No Impact Statement: General Engineering Analysis for:**

**[Project Name]**

[Stream Name(s)]

Henrico County, VA

[Report Date]

[Report Revision Date (if applicable)]

Prepared By:

[Engineer(s)’s Name]

[Engineer(s)’s Email Address]

[Engineer(s)’s Phone Number]

[Company Name]

[Company Address]

***[Insert PE Seal & Signature]***

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# Project Description

[**INSERT -** The project description provides a brief overview of the project scope with supporting information to help easily reference the extent and location of the project.]

## Narrative Statement

[**INSERT** This section expands on the project description by providing detailed information, project design, and the impacts to the floodplain. If additional design requirements are including as part of the project to meet county floodplain requirements, these should be commented on in this section. This section should reference any relevant certified topographic maps, grading plans, and construction drawings. The grading plans must provide existing and proposed contours. The supporting drawings must include relevant waterway data including the stream centerline and thalweg location. Planimetric features must also be identified including; roads, buildings, ponds, etc.]

## Determination of Floodplains

[**INSERT** This section provides detailed information about any existing or adjacent floodplains that are in proximity to the proposed project. This must include the name of the associated stream, the associated floodplain classifications (Zone A or AE), and identify if it is a community SFHA or FEMA SFHA. A map from the [Henrico County Flood Zone and Dam Safety Information viewer](https://henrico.maps.arcgis.com/apps/webappviewer/index.html?id=e940e72a32244bf3ae9a8098766f2bdd) displaying the floodplain must be provided. If a FEMA SFHA, a FIRMette map may also be included]

## No Rise / Project Impact Statement

[**INSERT** This section should plainly state how a project has no impact on the floodplain. This section should summarize supporting information found in the supporting calculations sections and how they support these statements (if calculations are provided).]

# Supporting Documentation

[**INSERT** This section provides an overview of documentation and calculations to be provided to support the narrative that the project has no adverse impact on the floodplains.]

## Plan Sheets

[**INSERT** Plan sheets showing the proposed project location and extent in relation to the regulatory floodplain. The plan sheets should include the regulatory floodplain limit as found on the [county GIS viewer](https://henrico.maps.arcgis.com/apps/webappviewer/index.html?id=e940e72a32244bf3ae9a8098766f2bdd). This is required to confirm statements in the narrative and verify project extents.]

## [Insert Calculation Type] (if applicable)

[**INSERT** Depending on the type of project, different calculations are necessary to support the No-Rise Certificate, such as stormwater BMP design information. A summary of the calculation results and methodology used should be included here, and any calculations and any supporting documentation (e.g. spreadsheets, drawings, models, etc.) must be included.]

1. Plan Sheets
2. [Insert Calculation Type] Results (if applicable)