**REVIEWERS CHECKLIST**

Consider the following questions when determining quality/adequacy of a local agency or consultant prepared Location Hydraulic Study floodplain submittal. Keep in mind that this is a quality assurance review and does not involve delving into checking of calculations or a detailed point-by-point analysis.

|  |  |  |
| --- | --- | --- |
| **Question** | **Yes** | **No** |
| 1) Was a Location Hydraulic Study performed? |  |  |
| 2) Did the Location Hydraulic Study identify and evaluate alternatives to any significant encroachments? |  |  |
| 3) If there is an encroachment on a floodplain, are reasons provided as to why the proposed action must be located in the floodplain? |  |  |
| 4) Have the applicable FEMA flood maps been provided and referred to as necessary?  |  |  |
| 5) Where a detailed study has been performed, was the appropriate hydraulic model used to approximate the existing model?  |  |  |
| 6) For encroachment locations, do the project plans show the magnitude, approximate probability of exceedence and, at appropriate locations, the water surface elevations associated with the overtopping flood, or the base flood if larger than the overtopping flood? |  |  |
| 7) Based on an overall assessment of the plans and hydraulic analyses provided, does the provided information appear reasonable? |  |  |
| 8) Are the effects on other structures upstream and downstream considered and identified? |  |  |

A “yes” response to all of the questions indicates that floodplain submittal is adequate and of an acceptable quality.

I have performed a quality assurance review of the floodplain submittal and verify acceptability.

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Local Agency Project Manager *(Local Assistance projects)*

*\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*

District Local Assistance Engineer *(or District Hydraulic Branch*

 *for very complex projects or when required expertise is unavailable)*