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Some special circumstances that are outside of the expected uses of the FIRM Database tables may fail DVT checks even though the data is in a requested or necessary format. In these instances, a DVT Bypass must be requested of MIP Help at [miphelp@riskmapcds.com](mailto:miphelp@riskmapcds.com). An explanation of the reasoning for requesting the bypass of each failed DVT check must accompany the email request. In some cases, approval from the Regional Project Manager must accompany the bypass request. Some of the common DVT bypass needs are listed below

Check 2.5.1.6 – This check will fail if a CID in S\_Pol\_Ar does not appear in the L\_Comm\_Info table to look for agreement between the spatial and tabular community information tables. If a political area is an “Area Not Included” (ANI), has an identified and recorded CID, it should not have a record in the L\_Comm\_Info table. DVT will require that it does, and a DVT bypass must be requested.

Check 2.8.6.3 – This check looks at the County FIPS code values in the S\_POL\_AR table to make sure they agree with the information for the submitted county. If a political area polygon (in S\_Pol\_Ar) will be submitted with a County FIPS code other than the County FIPS for the submitted FIRM Database because the political area is a multi-county community and portions in the adjacent county will be mapped within the submitted FIRM Database, the check will fail and a DVT bypass must be requested.

Check 2.8.8.2 – This check will fail if a cross-section or BFE has a WSEL value that is null, negative, or zero. If the submitted data has correct zero or negative WSEL values because of low terrain, a bypass must be requested. Also, if the data inherited from the NFHL to begin a project has incorrect null, zero, or negative WSEL values and the correct values cannot be located, or researching the correct values is determined to be out of scope by the Regional Project Manager, a DVT bypass must be requested. In combined Riverine and Coastal zones where a null cross-section elevation is acceptable, a bypass will also be required.

Check 2.9.1.8 – This check will fail if a BFE line overlaps a cross-section line. Occasionally, this is unavoidable in a crowded map area or where the cross-section is unmapped and for reference to the hydraulic model only. If the check fails for one of these reasons, a DVT bypass must be requested.

Check 2.6.1.1 – If the S\_Submittal\_info record has a version ID 2nd digit of “3”, DVT will request that the TOPO\_SCALE field must be changed to TOPO\_VERT\_ACC and the CONT\_INTVL field must be changed to TOPO\_HORIZ\_ACC. However, this is not required as per Guidelines and Standards unless the version ID 2nd digit is “4” or higher.