

The following checklist outlines the materials that must be submitted to Boulder County Land Use

Department to obtain a Grading Permit and Floodplain Development Permit for stream restoration projects:

- **Completed Stream Restoration Permit Application including a deposit, two complete hard copy sets of all plans, and a CD or flash drive including an electronic copy of all files in PDF format submitted to Building Safety and Inspection Services in the Boulder County Land Use Department**
- Planform map(s) at a scale of 1"=200' or larger, stamped by a Colorado Registered Professional Engineer, which includes:
  - Topographic contour lines (5-foot interval or less)
  - Channels and/or flowpaths
  - Existing floodplain and floodway boundary
  - Existing crossings and other hydraulic structures
  - Existing water supply ditches and laterals
  - Cross-sections used in hydraulic models
  - Existing buildings
  - Adjacent roads
- Site Plan(s) at a scale of 1"=30' or larger, stamped by a Colorado Registered Professional Engineer, which includes:
  - Topographic contour lines (2-foot interval or less)
  - Existing and proposed channels and/or flowpaths
  - Existing and proposed floodplain and floodway boundary
  - Existing and proposed crossings and other hydraulic structures
  - Existing water supply ditches and laterals
  - Cross-sections used in hydraulic models
  - Existing buildings
  - Adjacent roads
  - Proposed stream restoration techniques and site grading
  - Proposed locations of construction equipment and materials staging areas
  - Proposed Erosion and Sediment Control BMPs
- Site-specific designs for all proposed stream restoration locations including profile view, cross-section views, and planform view
- Hydraulic Modeling Report including applicable requirements listed in the Hydraulic Modeling Report Submittal Guide ([www.bouldercounty.org/doc/transportation/HydraulicModelingReportSubmittalGuide.pdf](http://www.bouldercounty.org/doc/transportation/HydraulicModelingReportSubmittalGuide.pdf)). The report must include either 1) Certification that the proposed project will not increase water surface elevations more than 0.00 feet for projects in the floodway (No-Rise Certification), or 0.50 feet outside of the floodway; 2) an approved Conditional Letter of Map Revision (CLOMR) if the proposed increases in water surface elevation are greater than those described above; or 3) an approved Boulder County Floodway Review (No Adverse Impact Certification). Please note that Boulder County regulates floodway along many streams that is not shown on the FIRM.
- Digital files on CD or flash drive must include all HEC-RAS files and all digital spatial files in shapefile format in zipped folders
- All requirements contained in HMR Determination Letter or LISU BOCC Resolution
- Operations and Maintenance Plan
- Approval of all necessary local, state, and federal permits prior to beginning work, including, but not limited to: US Army Corps Clean Water Act Section 404 nationwide or individual permit; CDPHE Dewatering Permit; and CDPHE Stormwater Permit; and evidence of compliance with the Endangered Species Act