

Stream Restoration Permit Deliverables Checklist



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). 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 GIS files in shapefile format in zipped folders
 - One zipped folder labeled "Floodplain" containing all modeling and GIS files
- 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

STREAM RESTORATION PERMIT APPLICATION



Intake Stamp

Permit #

GENERAL PROJECT INFORMATION

Application Date:	
Project Address:	
Parcel Numbers In Project Area:	
Project Valuation (\$):	

APPLICANT INFORMATION (If Different than Owner)

Name:	
Project Role/Relationship:	
Mailing Address – Street:	
City, State, Zip:	
E-mail and Telephone:	

ENGINEER (PE) INFORMATION

Name:	
Company Name:	
Mailing Address – Street:	
City, State, Zip:	
E-mail and Telephone:	
Colorado PE License Number:	

CONTRACTOR INFORMATION

Name:	
Company Name:	
Mailing Address – Street:	
City, State, Zip:	
E-mail and Telephone:	
License Type/ Number:	

STREAM RESTORATION PERMIT APPLICATION

FLOODPLAIN INFORMATION at Proposed Bridge Location	
Vertical Datum For All Elevations in Submittal:	<input type="checkbox"/> NGVD29 <input type="checkbox"/> NAVD88
Hydraulic Modeling Results:	<input type="checkbox"/> No-Rise <input type="checkbox"/> CLOMR <input type="checkbox"/> Floodway Review
Source of Discharges Used in Hydraulic Modeling (include supporting documentation):	
FIRM Panels in Project Area (Example: 08013C0412J)	
Number of Existing Hydraulic Structures and Type:	# of Culverts _____ # of Bridges _____ # of Diversions _____
Restoration Techniques Used:	<input type="checkbox"/> Bank Stabilization <input type="checkbox"/> Watercourse Alteration <input type="checkbox"/> Floodplain Grading <input type="checkbox"/> In-Stream Structures

PROPOSED EARTHWORK			
Total Volume of Cut:		Type of Material to be Moved:	
Total Volume of Fill:		Type of Material to be Used as Fill:	

General Project Description:	
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Applicant Signature

Date