

WHAT TO INCLUDE IN THE PLAN:

- ✓ Drainage and erosion control plans should be stamped by a P.E. licensed in the State of Colorado.
- ✓ Identification of potential watercourses affected by stormwater runoff.
- ✓ Calculation of the total area of disturbance, including all landscaping, access, etc..
- ✓ Identification of type and location of all temporary Best Management Practices (BMPs).
- ✓ Identification of type and location of long term stabilization methods.
- ✓ Description of methods for management of construction water (non-stormwater) discharges.
- ✓ If the total area pf of disturbance is equal to or greater than one acre, the State requires a permit for Stormwater discharges associated with construction activities, or SWMP.



AREA OF DISTURBANCE

Area of Disturbance is defined as the total area at the site where any construction activity is expected to result in disturbance of the ground surface. This includes, but is not limited to, access, clearing, grading, excavation and demolition activities, septic and leach field installation, irrigation installation, and landscaping. As well as haul roads and areas used for staging where traffic that will result in the disturbance.



HELPFUL RESOURCES:

- Land Use Engineering Webpage:** <https://www.pitkincounty.com/209/Land-Use-Engineering>
- Revegetation Guide:** <https://pitkincounty.com/831/Landscaping-Revegetation-Tree-Removal>
- Pitkin County GIS Mapping Tool:** <https://maps.pitkincounty.com/gvh/?viewer=portal>
- Pitkin County Land Use Code:** <http://pitkincounty.com/468/County-Code>
- Colorado Water Quality Control Division:** <https://www.colorado.gov/cdphe/wqcd>

WHY DRAINAGE & EROSION CONTROL MATTERS:

Pitkin County is a headwaters community with rivers and streams that generally have very high water quality. To help ensure that the County's water resources remain in pristine condition, development in Pitkin County must implement responsible construction management practices and manage stormwater runoff from disturbed areas. **In conjunction with every development permit application, a detailed drainage and erosion control plan must be submitted.**



STREAM SEDIMENTATION

Sedimentation of our streams degrades habitat essential for many aquatic organisms. Our recreation-based economy depends highly on the quality of our waters for fishing, boating, and overall appeal of the Roaring Fork, Fryingspan, Crystal River and their tributaries.



HUMAN HEALTH

Many of us get our water from streams and creeks in Pitkin County. Others get it from groundwater wells. The quality of our surface water and groundwater is highly dependent upon human behavior. In order to protect our drinking water sources and the health of our community, Best Management Practices (BMPs) to control sedimentation and the movement of organic and inorganic pollutants must be put in place and maintained throughout the life of any construction/development project.



COMMUNITY DEVELOPMENT

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