

Left Hand Creek Restoration at 63rd Street Extension

Boulder County, Colorado



From top: LHC 63rd Street Project post-construction with pool installation, streambed stabilization and floodplain benches; Prior to restoration with high eroded banks in background.

conservation planning
ecological restoration
regenerative design

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5,800 linear feet of degraded stream running through the Haystack Mountain Golf Course and the Bridagoon neighborhood now have stable banks, restored aquatic habitat, and a more resilient stream and riparian corridor.

Left Hand Excavating and Biohabitats worked together on this 5,800 LF stream restoration project. Due to the impacts of the 2013 flood, this reach of Left Hand Creek had severe erosion with very tall cut banks, few ponds, and limited floodplain benches that were still covered with flood sediment and debris. The project extended from the Haystack Mountain Golf Course to 63rd Street and involved multiple private landowners. Scope of work included permitting, concept and 30% design, extensive landowner outreach, and construction to restore and repair associated flood damage. The implemented design included pool installation, channel re-shaping, streambed stabilization, grading and shaping to create floodplain benches, in-stream and bank habitat structures, bank repair, utilization of natural materials, and planting and seeding. The restoration design and planting plan were tailored to individual property owners' inputs while still maintaining a holistic approach so the entire reach would function as a resilient stream system.