

Exhibit B: Existing Studies

St. Vrain Creek – High Relevance

- City of Longmont Button Rock Preserve Forest Stewardship Plan (2017)
- North St. Vrain - Post-disturbance sediment recovery: implications for watershed resilience (2017)
- South Platte Basin Implementation Plan Appendix D – Environmental and Recreational Assessment Methodology and Framework – West Sage (2015)
- St. Vrain Creek Watershed Masterplan, Baker (2014)
- Boulder County Comprehensive Plan (Environmental Resources Element and Supplemental Materials) – (2014)
- Hydrologic modeling for Boulder and St. Vrain Creeks – CWCB (2014)
- Post-Flood Analysis of Minor Storm Risks in St. Vrain Creek through Longmont (draft) – CH2M Hill (2014)
- City of Longmont Parks, Recreation, and Trails Master Plan (2014)
- Town of Lyons Sustainable River Corridor Action Plan (2014)
- City of Longmont St. Vrain Blueprint Planning Study (2014)
- Town of Lyons Recovery Action Plan - Colorado Floods (2013)
- Status of the Plains Topminnow – Colorado Parks and Wildlife (2012)
- Changes in range-wide distribution of plains topminnow *Fundulus sciadicus* – University of Nebraska (2012)
- Boulder County Parks and Open Space Water Policy - (2012)
- City of Longmont St. Vrain Creek Riparian Corridor Protection Plan (2010)
- Sandstone Ranch Reclamation Plan – GEI Consultants (2009)
- Survey of Critical Biological Resources in Boulder County, CO – Colorado Natural Heritage Program (2007-2008, 2009)
- Pella West (Marlatt Ponds) Hydrology Study – BCPOS (2009)
- South Platte Basin Roundtable, nonconsumptive needs assessment mapping (2009)
- South St. Vrain Creek - balance in the basin, phase II report: feasibility evaluation of flow restoration options – Colorado Water Trust (2009)
- Aquatic communities and selected water chemistry in St. Vrain Creek near the City of Longmont, Colorado, wastewater-treatment plant, (2005 and 2006)
- St. Vrain Trail Master Plan – BCPOS (2004)
- St. Vrain Creek Corridor Open Space Management Plan – BCPOS (2004)
- North St. Vrain - Reach-scale channel geometry of a mountain river (2004)
- *Spiranthes diluvialis*: Habitat Assessment and Survey Report – BCPOS (2001)
- St. Vrain Creek Greenway Master Plan – City of Longmont and Design Workshop (2001)
- Environmental Assessment: South St. Vrain Creek – BCPOS (2000)
- Boulder County Comprehensive Plan (2nd Edition) – (1999)

Left Hand Creek – High Relevance

- Left Hand Creek Watershed Masterplan – AMEC (2014)
- Watershed Management Plan for the Upper Lefthand Creek Watershed (2005)
- Town of Jamestown Stream Corridor Master Plan Technical Memorandum
- Draft Hydrologic Evaluation of the Lefthand Creek Watershed Post September 2013 Flood Event

Both St. Vrain Creek and Left Hand Creek – High Relevance

- Colorado hazard mapping program, hydrologic analysis technical support data notebook for the St. Vrain watershed, AECOM (2016)
- Effects of habitat complexity loss on eastern slope Rocky Mountain brook trout populations (2016)
- Keep it Clean Partnership - St. Vrain basin watershed-based plan: Boulder Creek, St. Vrain Creek and tributaries (2015)
- Hydrology Investigation: Phase One – 2013 Flood Peak Flow Determinations – CDOT/CWCB (2014)
- Boulder County Natural Hazard Mitigation Plan (2013)
- Boulder County Comprehensive Plan – Environmental Resources Element and Supplemental Materials (2013)
- BCPOS Riparian Inventory and Assessment (2009)
- Boulder County Multi-Hazard Mitigation Plan (2008)
- South Platte river system in Colorado hydrology, development and management issues – Colorado Water Resources Research Institute (1990)
- Colorado Department of Public Health and Environment TMDL

St. Vrain Creek – Unknown Relevance

- Leaky rivers: implications of the loss of longitudinal fluvial disconnectivity in headwater streams (2014)
- Hall Ranch Meadows Natural Resource Assessment – BCPOS (2005)
- Mining Areas – BCPOS (2004)
- Keyes Property Rapid Assessment Report – BCPOS (2002)
- BCPOS Braly Property Rapid Assessment Report (2001)
- Resource Assessment Report: Custode Property – BCPOS (2001)
- Ramey Homestead Property - Rapid Environmental Site Assessment – BCPOS (2001)
- Conservation Handbook on the Preble's Meadow Jumping Mouse – BCPOS (2000)
- Habitat Conservation for Birds of Prey on Western Mobile Boulder Inc. Lyons Property – BCPOS (1997)
- Habitat Use by Breeding Birds on Western Mobile Inc. Lyons Property – Boulder County Parks and Open Space (1997)
- Third Year Survey for Preble's Meadow Jumping Mouse in Colorado – BCPOS (1997)
- North Foothills Open space Management Plan (1996)

Left Hand Creek – Unknown Relevance

- Leaky rivers: implications of the loss of longitudinal fluvial disconnectivity in headwater streams (2014)
- Lefthand creek watershed, use of NPL as catalyst for abandoned mine cleanup – EPA (2003)