

National Renewable Energy Laboratory

Colorado, was designed as an experimental, environmentally friendly facility with advanced energy efficiency features and innovative stormwater management practices, including pervious concrete, pervious asphalt, infiltration beds, and bioswales. WWE was retained by the National Renewable Energy Laboratory (NREL), the prime contractor monitoring and evaluating the site, to conduct and evaluate the effectiveness of stormwater practices there.



The monitoring plan was designed to determine the effectiveness of pervious paving, pervious concrete and underlying gravel infiltration beds at reducing stormwater runoff from the site and the water quality benefits of bioswales constructed there. WWE monitored the site for four years and found good system performance throughout the monitoring period. Despite issues with some of the BMPs on the site, (some spalling of pervious concrete), the multi-layered treatment train approach at the site led to effective and resilient stormwater management.

Denver Office

2490 W. 26th Ave., Suite 100A
Denver, CO 80211
303-480-1700
Fax: 303-480-1020
Email: wwe@wrightwater.com

Glenwood Office

818 Colorado Ave., Suite 307
P.O. Box 219
Glenwood Springs, CO 81602
970-945-7755
Fax: 970-945-9210
Email: gws@wrightwater.com

Durango Office

1666 N. Main Ave., Suite C
Durango, CO 81301
970-259-7411
Fax: 970-259-8758
Email: dgo@wrightwater.com