

# List of Abbreviations

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>	greater than
≤	less than or equal to
ASTM	American Society for Testing and Materials
BMPs	best management practices
BOD	biochemical oxygen demand
CDPHE	Colorado Department of Public Health and Environment
CDPS	Colorado Discharge Permit System
cfs	cubic feet per second
COD	chemical oxygen demand
CRS	Colorado Revised Statutes
CWA	Clean Water Act
DBPS	drainage basin planning study
DCIA	directly connected impervious areas
DO	dissolved oxygen
EMCs	event mean concentrations
EPA	United States Environmental Protection Agency
fps	feet per second
ft	feet
FHWA	Federal Highway Administration
H:V	horizontal to vertical ratio of a slope
I	impervious ratio of a catchment
I <sub>a</sub>	percent imperviousness of catchment
I <sub>wq</sub>	percent imperviousness of catchment
mg/L	milligrams per liter
µg/L	micrograms per liter
MDCIA	minimizing directly connected impervious area
MS4	municipal separate storm sewer system
MSDS	material safety data sheets
MWCOG	Metropolitan Washington Council of Governments
N/A	not available
NPDES	National Pollution Discharge Elimination System
pH	negative log <sub>10</sub> of the concentration of hydrogen ions, a measure of acidity
ppm	parts per million
S <sub>o</sub>	slope
TAC	Technical Advisory Committee
TOC	total organic carbon
TSS	total suspended solids
UDFCD	Urban Drainage and Flood Control District
USDCM	<i>Urban Storm Drainage Criteria Manual</i>
USGS	United States Geological Survey
WQCV	water quality capture volume

## **Abbreviations of Structural BMPs in the *Manual***

GB	grass buffer
GS	grass swale – sedimentation facility
MBP	modular block porous pavement
PPD	porous pavement detention
PLD	porous landscape detention – sedimentation facility
EDB	extended detention basin – sedimentation facility
SFB	sand filter extended detention basin
CWB	constructed wetlands basin – sedimentation facility
RP	retention pond – sedimentation facility
CWC	constructed wetland channel – sedimentation facility