



# HIGH VELOCITY DITCH CHECK

## Pre-assembled Check Dam

Patent # US 12,060,690



HVDC 24 for flat bottom, trapezoidal ditch



HVDC 14 for V shaped ditch

Temporary barrier slows velocity of channel stormwater and facilitates controlled stormwater release through the fabric onto the rear scour guard

- 2 options prefabricated and contoured to angles of ditch slopes:
  - **HVDC 24** – 24' wide with 24" overflow for flat bottom, trapezoidal ditch
  - **HVDC 14** – 14' wide with 16" overflow for V shaped ditch
- Preassembled and sold as a kit to ensure quality control and consistency of installation:
  - Velocity restrictor sheet prefabricated with posts
  - Attached front water seal and rear scour guard
  - Additional rear scour guard extension
  - Compression tubes with compression stakes
- Velocity restrictor sheet of green mesh allows floatables to contribute to filtration of stormwater
- Attached front water seal and pine chip filled compression tubes held in place with compression stakes prevent undermining
- Rear scour guard prevents scouring and undermining



Rear scour guard



Natural floatables contribute to filtration on green mesh of velocity restrictor sheet

DITCH CHECK

**More effective, less costly, and less maintenance than traditional rock check dam**