



HIGH VELOCITY DITCH CHECK

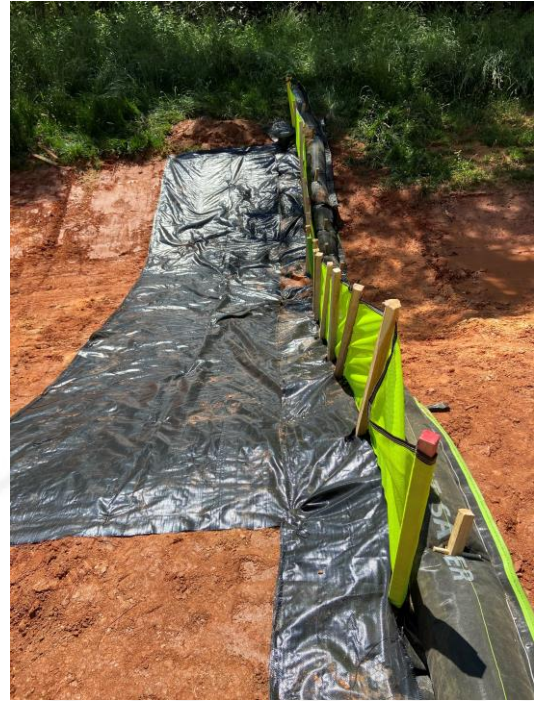
PRE-ASSEMBLED CHECK DAM



High Velocity Geotextile Ditch Check System showing front water seal with compression tubes and stakes

- Designed as a temporary barrier to slow the velocity of channel stormwater and facilitate controlled stormwater release through the fabric onto the rear scour guard
- A multi-component geotextile system with each piece contributing to system performance:
 - Velocity restrictor sheet prefabricated with posts
 - Attached front water seal and rear scour guard
 - Additional rear scour guard extension
 - Compression tubes with compression stakes
- Prefabricated and contoured to conform to the angles and length of ditch slopes – prevents bypass and provides strength to withstand channel flow
- Velocity restrictor sheet made from green mesh allows floatables to contribute to filtration of stormwater
- Pine chip filled compression tubes held in place with compression stakes prevent undermining
- Preassembled and sold as a kit to ensure quality control and consistency of installation
- **More effective, less costly, and less maintenance than traditional rock check dam**

****Patent Pending****



Rear scour guard



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



Check Dam

Structural Integrity - Stormwater Release - Sediment Retention