Construction use of Filter Unit						
Method	Application Standard	Illustration	Note The bag is used at the front of		Example	
Foot protection	Standard	<u> </u>	bank independently as foot protection. The installation methods are step piling and random piling.	Abukuma river(Miyagi pref.)	Uji river(Kyoto pref.)	Yogo river(Shiga pref.)
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	Over brock		The bag is used on a foot protection brock. It may be used as a vegetation base with earth covering construction.	Ara river(Saitama pref.)	Abukuma river	Gono river(Shimane pref.)
	Under brock		By using it under a foot protection brock or a covering stone, an upside structure is stabilized from subsidence by sucking etc.	Takajiri river(Shimane pref.)	Ataka beach(Ishikawa pref.)	Awano river
	With other construction		The bag installs in wooden pile or other methods of construction at the inside, back and forth. The cooperation effect with other methods of construction is expected.	Yakata river(Kumamoto pref.)	Kasumigaura lake(Ibaraki pref.)	Shiki river(Kumamoto pref.)
	Protection of front part		Bank protection etc. are stabilized by installing the bag in the fronts, such as a gabion, a sandbag and a sheet pile.	Tsurumi river(Kanagawa pref.)	Nagara river(Gifu pref.)	Sabaishi river(Nigata pref.)
Foot protection of pier	Standard		The bag is installed around a bridge pier. It is possible to supply to a scouring part directly. (When there is running stone in the river, it is needed to use under a block.)	Shinsai river(Gifu pref.)	Oda river(Okayama pref.)	Tone river(Gunma pref.)
Bank protection	Step piling		Step pilling applies at a slope which becomes 1:2 or less(steep).	Asahi river(Okayama pref.)	limori river(Saitama pref.)	Yukawa river (Tottori pref.)
	Level installation		Level installation applies at a slope which becomes more than 1:2 (loose)	Asuwa river(Fukui pref.)	Saba river(Yamaguchi pref.)	Usui river(Gunma pref.)
	Random piling		Random piling applies at the slope whose slope is about 1:1~1:2 and length of face of slope is also comparatively small.	Sato river(lbaraki pref.)	Tone river(Ibaraki pref.)	Nishiki river (Yamaguchi pref.)
Bed protection	Standard		The bag is installed on the riverbed. In order to construct without gap, making grains of stuffing material small is desired.	Kushi river(Kanagawa pref.)	Ichinose river(Yamaguchi pref.)	Sand prevention(Gunma pref.)
Backfilling			The bag is used for backfilling such as spur dike construction and covers with a block etc. An inside is stabilized with a bag.	Watarase river(Gunma pref.)	Biwa lake(Shiga pref.)	Isuzu river(Mie pref.)
Emergency procedure			The bag is installed to a disaster place and erosion is prevented. An additional injection is possible becausae it has good flexibility.	Muko river(Hyogo pref.)	Shibukawa beach(Okayama pref.)	Hime river(Nigata pref.)
Temporary road Temporary partition			The mound is formed by bags, and it can be used as temporary roads, such as bridge pier construction.	Ibo river(Hyogo pref.)	Sai river(Nagano pref.)	Mochiishi beach(Shimane pref.)
Others			Concrete mass can be used for stuffing material. And, there is an example which uses porous material for water quality purification.	Stuffing material: Concrete mass	Stuffing material: Coal ash	Stuffing material: Charcoal