

innovative turf solutions



MoDOT HF5000 Tack Demo

(alternative to paper overspray)

Cole D Location Site

8/15/14

Schrimpf Landscaping Inc.

Site 1 & 2-(1/2 acre total)

Seeding Per MoDOT Specifications

375 lbs. Paper Overspray Straw Tack (\$75.00 cost)

Replaced by 15 lbs. HF5000 Tack (\$47.85 cost)

3300 gallon hydroseeder can spray 2 acres of paper overspray tack per tank, contractor can spray 7 acres with HF5000 Tack which results in less time to water filling area and less time loading and mixing resulting in a substantial time savings and therefore financial savings.

Sites sprayed with HF5000 Tack at 7:00 p.m. (requires 24 hour cure time), but rain began at 9:00 p.m. (sprinkles) and 1.5" rain began in the early hours of the morning continuing throughout the next day.

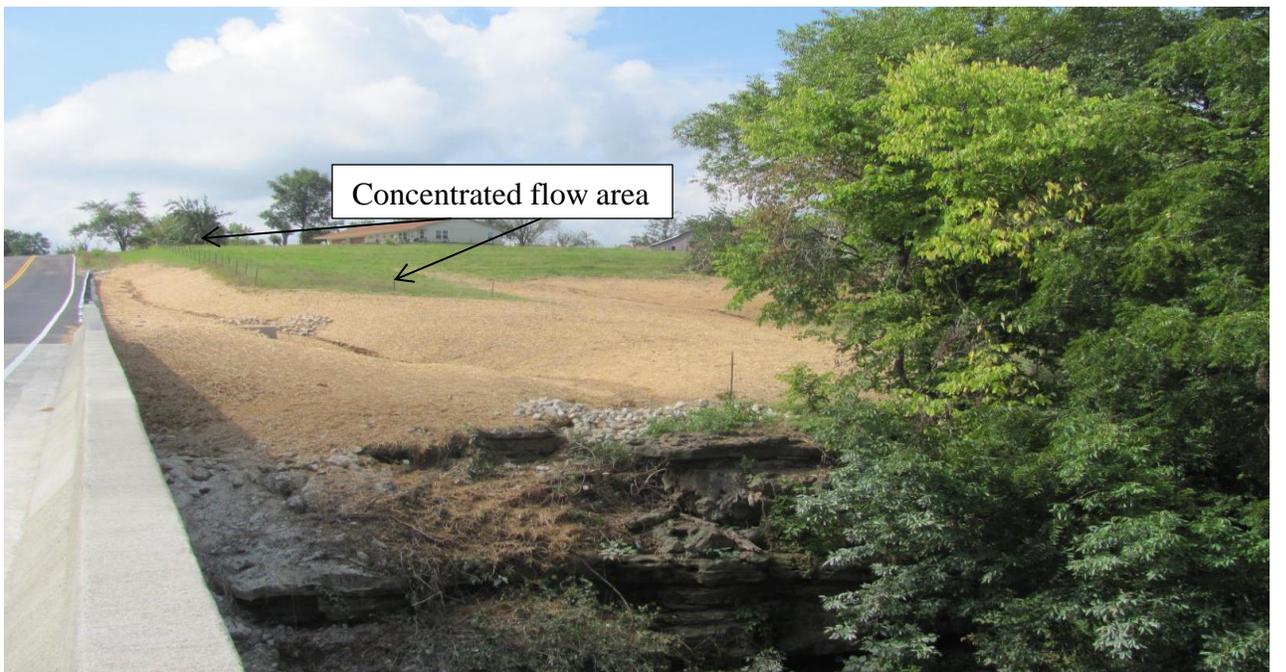
Site 2-(1/4 acre total)

Seed was mixed with 1.25 gallons Hydro-Ultra Plus (growth stimulant & biostimulant) and 1.25 lbs. EnviroPam (seed tackifier). Site 1 was conventionally seeded. Purpose of the EnviroPam is to tack the seed in place to the soil to prevent wind and water erosion beneath the straw or blanket. Purpose of the Hydro-Ultra Plus is to induce quicker germination, germinate more seed for uniform germination and develop the root system for sustainability of plant against drought, diseases and salt.

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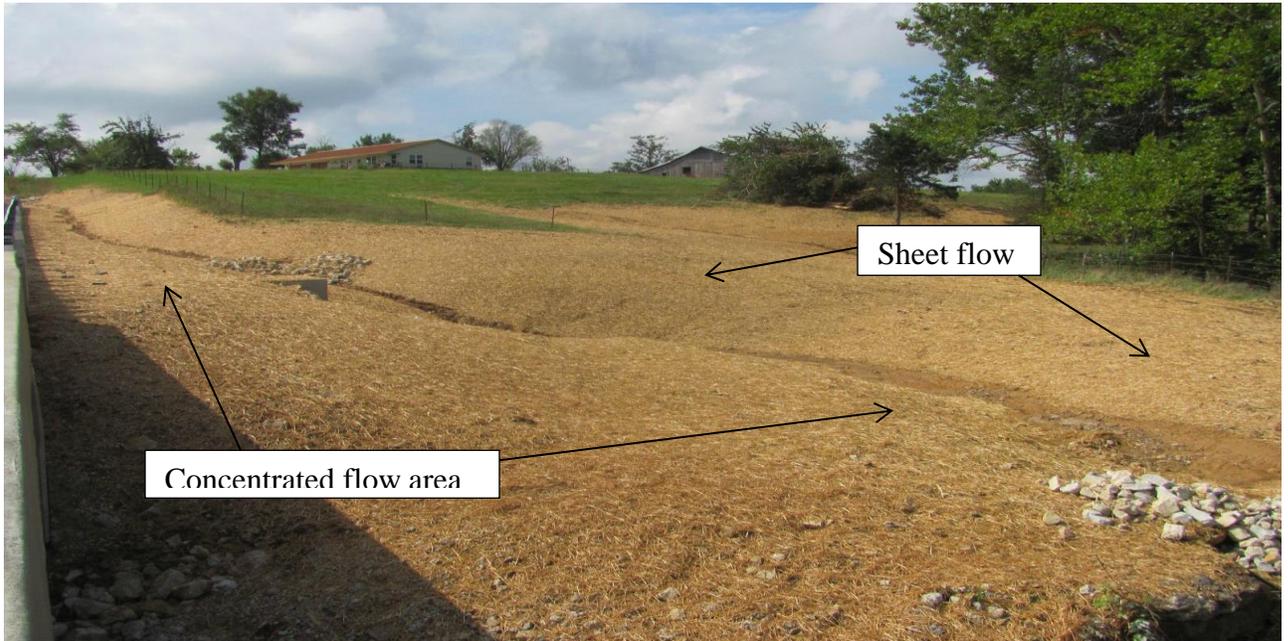


Site 1



Site 1

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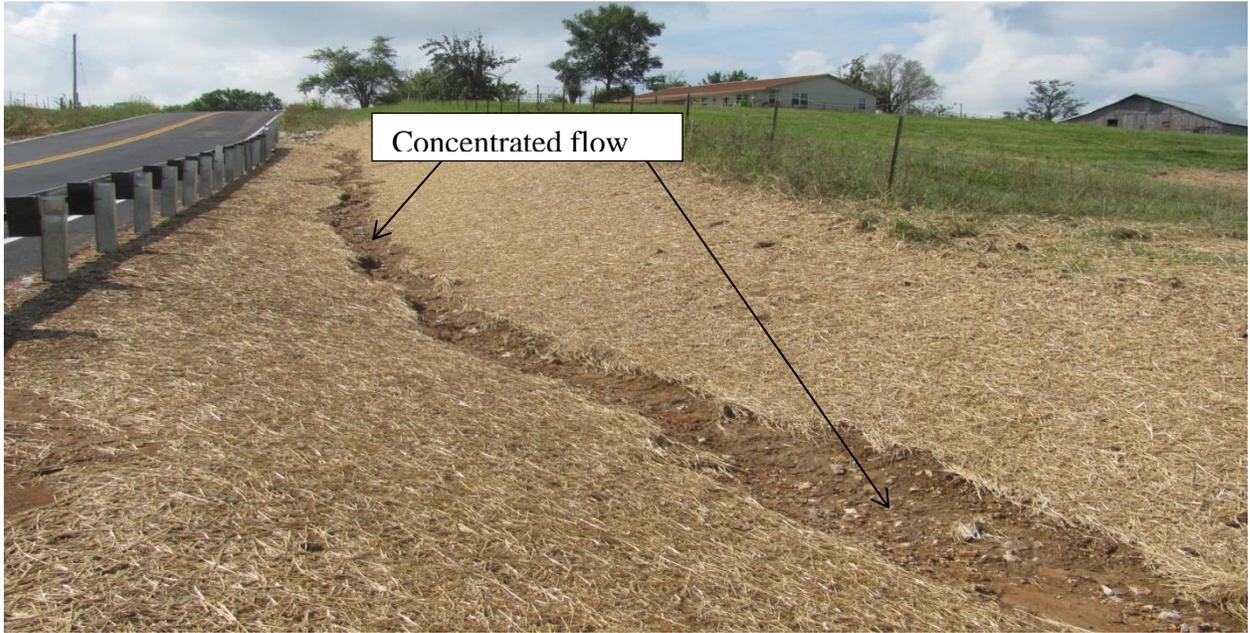


Site 1



Site 1

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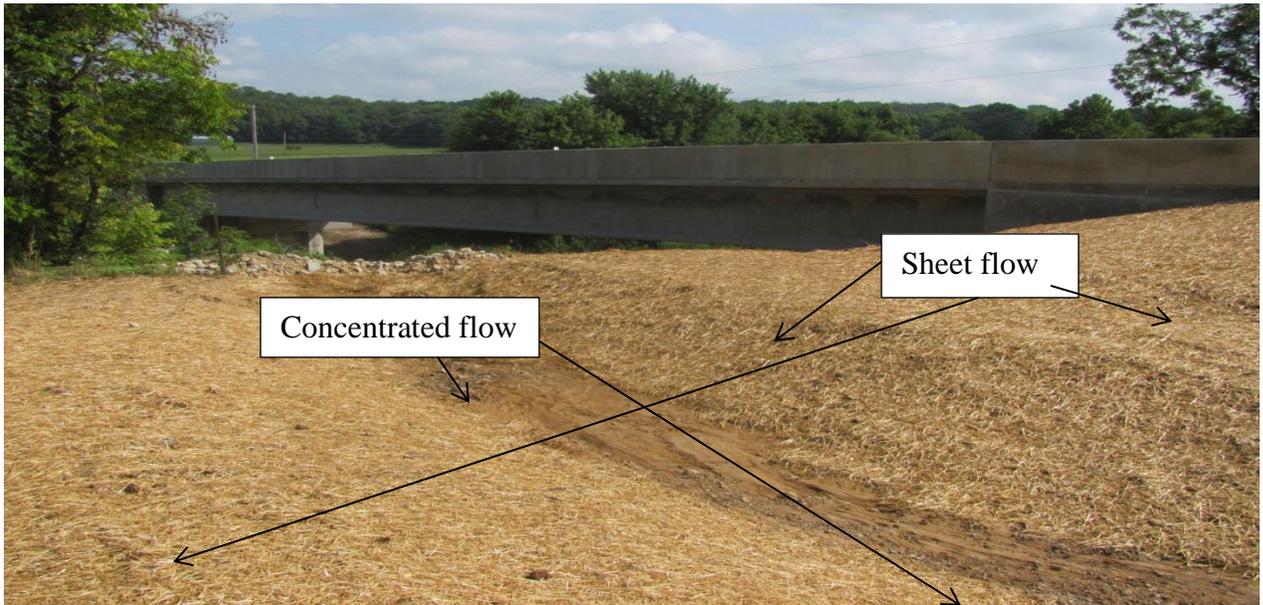


Site 1



Site 1

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Site 1



Site 1-14 days after application

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Site 1-14 days after application



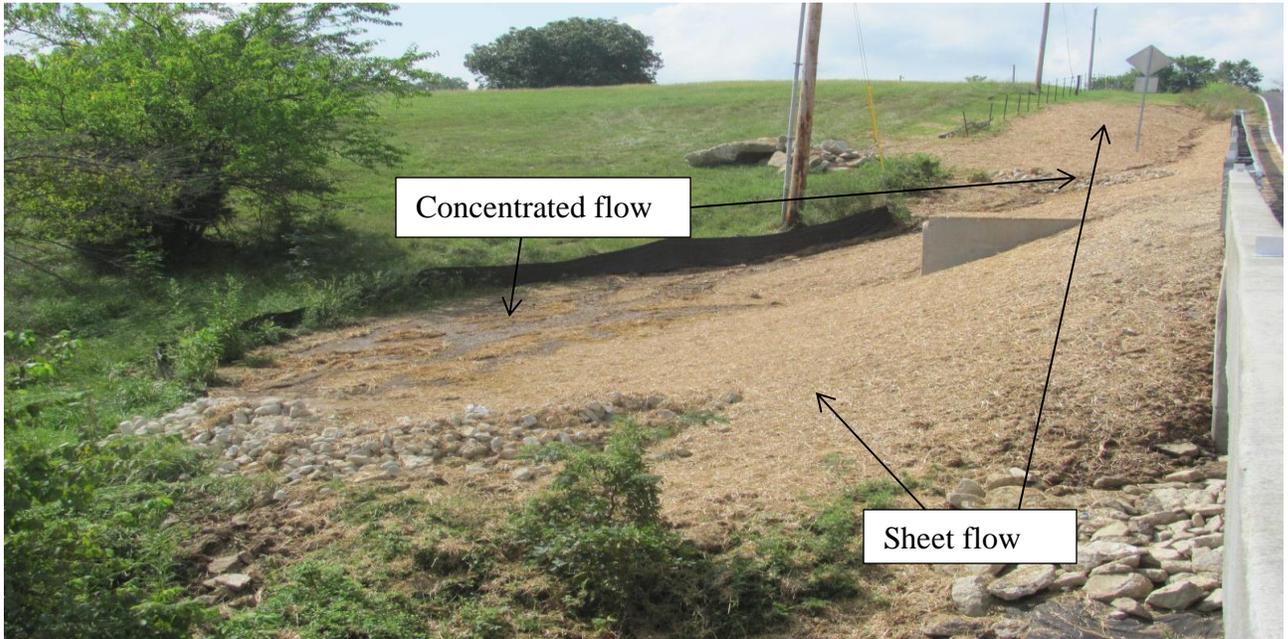
Site 1-14 days after application

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Site 1-14 days after application

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Site 2



Site 2

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Site 2



Site 2-14 days after application

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Site 2-14 days after application



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Site 2-14 days after application



Site 2-14 days after application

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Site 2-14 days after application

The HF5000 Tack performed extremely well in all the sheet flow areas with virtually no cure time before heavy rains began (24 hours cure time is ideal).

Concentrated flow areas were less than desired due to no cure time, heavy rain event with no cure time and no checks in place to divert flow.

14 days after application, the side treated with the Hydro-Ultra Plus and EnviroPam under the straw and over the blanketed area seems to show a bit more germination and uniform germination, especially in the blanketed area vs. the strawed area over the areas strawed at the standard specifications.