



Stream Condition – Site: S09

Map Grid Location: H6 Site visit date/ team): 8/26/15 / JZ Drainage Area (Sq. Mi.): 4.11
Stream name & Location: Grassy Creek along Sandy Trail
Streambed Substrate: Silt, sand, cobble Length (ft): +/- 150 Bankfull Width (ft): +/- 25

Stream Condition and Function: Score from 0 to 4 indicating natural stream integrity and health (circle contributing factors): 0 = *very poor*; 1 = *poor*; 2 = *fair*; 3 = *good*; 4 = *excellent*

1. Site and Watershed Conditions	2
<input type="checkbox"/> stormwater input	<input checked="" type="checkbox"/> sediment input
<input type="checkbox"/> trampled banks	<input type="checkbox"/> equine/dog impacts
<input type="checkbox"/> trail crossing	<input checked="" type="checkbox"/> trail in buffer
<input type="checkbox"/> bridge/culvert/armoring	<input type="checkbox"/> utilities
2. Channel Morphology and Condition	2
<input checked="" type="checkbox"/> overwide	<input type="checkbox"/> incised
<input type="checkbox"/> straightened	<input checked="" type="checkbox"/> eroding banks
<input type="checkbox"/> head-cutting	<input checked="" type="checkbox"/> lack of bedform diversity
<input type="checkbox"/> high bed scour	<input checked="" type="checkbox"/> excessive sediment deposition
3. Floodplain Morphology	3
<input type="checkbox"/> incised channel	<input checked="" type="checkbox"/> entrenched channel
<input type="checkbox"/> floodplain fill/ levees	<input type="checkbox"/> irregular/ obstructed floodplain
4. Vegetation	2
<input checked="" type="checkbox"/> narrow buffer width	<input type="checkbox"/> invasive plants (banks/floodplain)
<input checked="" type="checkbox"/> poor overstory/tree cover	<input checked="" type="checkbox"/> bare areas/mineral soil (banks/floodplain)
5. Habitat	2
<input checked="" type="checkbox"/> lack of woody debris	<input type="checkbox"/> poor water quality (turbid, algae, temperature)
<input checked="" type="checkbox"/> lack of diverse bedform/ flow	<input type="checkbox"/> lack of fine roots, leaf packs, coarse substrate

Score (of 20) and Rating(Poor 0-7; Fair 8-12; Good 13-17; Excellent 18-20) **11**

Potential Solutions	
<input checked="" type="checkbox"/> relocate/close trail	<input type="checkbox"/> trail crossing improvement
<input checked="" type="checkbox"/> vegetation planting	<input type="checkbox"/> mechanical grading
<input checked="" type="checkbox"/> in-stream structures	<input type="checkbox"/> watershed improvements
<input type="checkbox"/> preservation/ exclusion	<input type="checkbox"/> culvert rehabilitation/ replacement
<input type="checkbox"/> maintenance	<input type="checkbox"/> signs

Comments
Trail crossing stable. However, trail in buffer with minor stream bank crosion.

