

**ASF/FedEx Arroyo Seco Stream Assessment/ Invasive Species Mapping
Worksheet: 5. 3. 2017.**

Trail Segment	Please check one :
Gould Mesa to Oakwilde	
Gould Mesa to Paul Little Picnic Area	
Switzers to Bear Canyon	✓

Location: Switzer Falls Picnic Area

GPS Coordinates: Latitude: 34.26596 | Longitude: -118.144662

Elevation: 3724 ft.

Temperature/stream depth measured below bridge at the lower section of Switzer's Lot

Stream Temperature: (F °)	Stream depth: (ft.)
60 ° F	1.5 ft
58 ° F	3 ft
58° F	2 ft
60 ° F	3.2 ft
58 °F	2.5 ft

Invasive Species:	Please put a checkmark below	No. of plants ID'd	Location (trail segment):	Invasive plant Patch sizes in lengths and widths(ft).	No. of patches: if applicable-
Black mustard					
Periwinkle	✓	50+		58 x 35	1
Castor Bean					
Himalayan Blackberry	✓			50 x 30 50 x 50 60 x 25 38 x 25	5 Unable to measure all patches due to time constraints
Sticky Eupatorium					
Giant Reed					
Cape Ivy	✓	70 +		50 x 50	1

Stream Characteristics: (Please circle yes or no below)	GPS coordinates:	Comments:
in- stream boulders: Yes/No YES ✓		Several large boulders can be found in the stream all throughout this section. Much larger and prevalent than the Gould Mesa section. As a result, greater pool depth is much more common here
Sunny conditions above streams: Yes/no Mostly no ✓		Exposed, sunny areas above the stream are not a major feature of this section
Tree Cover/shade above stream: Yes/no		This section over the Upper Arroyo has an established canopy consisting of white alder,

<p>YES ✓</p>		<p>bigcone Douglas-fir and canyon oaks. Canopy cover in this area is almost always 50-80% cover directly above the stream</p>
<p>Silty, muddy river bottom: Yes/no Mostly NO ✓</p>		<p>Silty and muddy conditions are the exception to the rule in this section of the Arroyo. But Thierry Rivard made note of at least one instance where silty, muddy conditions exist in off-channel stagnant pool</p>
<p>Clean, gravel river bottom: yes/no YES ✓</p>		<p>The stream here is mostly clear and clean water, several instances were noted when soft gravel beds are common</p>
<p>Any deep pools? yes/no YES ✓</p>		<p>5- 10 2-4 foot pools. Generally speaking, deeper pools are much more common in the Switzers area, than in Gould Mesa. Structural stream diversity is much more pronounced in Switzer because of the intact natural area, diversified forest composition and higher prevalence of snowmelt, due to higher elevation</p>
<p>Any dam structures? Yes/no Yes ✓</p>		<p>yes, the 4 feet concrete wall at the lower parking lot bridge makes swimming upstream for trout impassable</p>