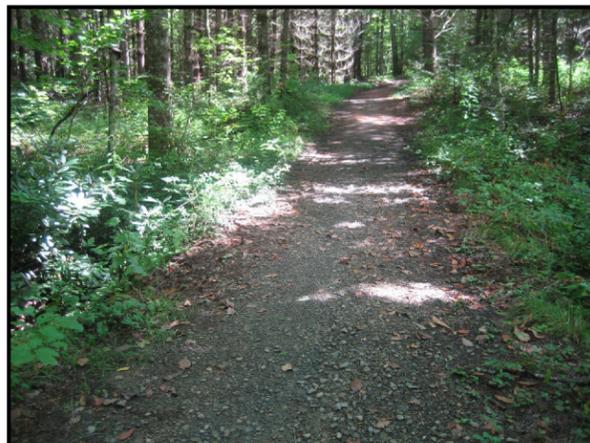


## Area of Concern – Site: P15

Map Grid Location: F9 Site visit date/ team): 8/31/15/ JZ Drainage Area (Sq. Mi.): 0.07  
 Name & Location: Tributary at Shelter Rock Trail



**Legend**

- \* Problem Area
- Trails
- Roads
- Streams
- Major Contour
- Minor Contour

1. **Culvert (diameter/material/length):** \_\_\_\_\_
 

<input type="checkbox"/> clogged	<input type="checkbox"/> aquatic organism passage/ perched
<input type="checkbox"/> crushed	<input type="checkbox"/> erosion (upstream/ downstream)
<input type="checkbox"/> lack of natural bed	<input type="checkbox"/> piping
<input type="checkbox"/> safety hazard	<input type="checkbox"/> overtopping
  
2. **Trail/ Road Impact (trail/ road name):** Shelter Rock Trail

<input checked="" type="checkbox"/> stormwater input	<input type="checkbox"/> sediment input
<input type="checkbox"/> bridge	<input type="checkbox"/> utilities
<input type="checkbox"/> unstable trail crossing	<input type="checkbox"/> erosion
<input type="checkbox"/> safety hazard	<input checked="" type="checkbox"/> human impact (hiking/biking)
<input checked="" type="checkbox"/> missing vegetation	<input type="checkbox"/> equine/dog impacts
  
3. **Upland/ Stormwater**

<input type="checkbox"/> nonpoint source pollution	<input type="checkbox"/> upland erosion
<input type="checkbox"/> pollutant point source	<input type="checkbox"/> unvegetated upland area
  
4. **Lake/Pond/ Reservoir (reservoir name):** \_\_\_\_\_
 

<input type="checkbox"/> erosion	<input type="checkbox"/> lack of vegetation
<input type="checkbox"/> equine impact	<input type="checkbox"/> human impact (hiking/biking)
<input type="checkbox"/> safety hazard	<input type="checkbox"/> water quality (temperature, algae, geese, fecal)
  
5. **Other Problem Area(s)** list contributing factors)

- Potential Solutions**
- |  |  |
|--|--|
| <input type="checkbox"/> relocate trail/close trail/road           | <input type="checkbox"/> trail/road crossing improvement     |
| <input checked="" type="checkbox"/> vegetation/ shoreline planting | <input type="checkbox"/> mechanical grading                  |
| <input type="checkbox"/> stormwater treatment                      | <input type="checkbox"/> animal watering                     |
| <input checked="" type="checkbox"/> human/ animal exclusion        | <input type="checkbox"/> culvert rehabilitation/ replacement |
| <input type="checkbox"/> signs                                     | <input type="checkbox"/> culvert daylighting                 |
| <input type="checkbox"/> maintenance                               | <input type="checkbox"/> bridge replacement/improvement      |

**Comments**  
 Culvert exists and appears to be in good condition. Bare area between trail and stream caused/ exacerbated by human access and stormwater.

