Advanced Best Management Practices

The below-listed advanced BMPs are reflected on the Erosion and Sediment Control and Maintenance of Stream Flow Plans for Working in the Baisman Run Watershed:

1. Include redundant controls (e.g., two lines of SSF or a line of SSF and a line of S-FL) on both sides of Baisman Run.
2. Maintain a stabilized temporary access road along the slope on either side of Baisman run. The remainder of the right-of-way should be stabilized using seed and straw mulch while construction traffic proceeds through this area to complete construction activities within Oregon Ridge Park.
3. The following notes will be included on the Erosion and Sediment Control Plan sheets for Baisman Run and tributaries to Baisman Run:

Advanced BMPs for Baisman Run and Tributaries Baisman Run:

1. No sediment can be allowed in any stream, tributary or drainage channel within this watershed. All bridges shall include bumpers and geotech material to capture and prevent sediment (standard) and cleaned/swept at the end of each day.
2. To protect fish species install exclusion netting upstream in a natural pool with riffle and sweep and scare fish out of area.
3. Stream channels shall be restored with native cobble (standard) as soon as possible.
4. At the discretion of the Environmental Inspector, install stabilization matting on steep slopes during temporary and permanent stabilization.

The following sequence of construction will be used for construction at the Baisman Run crossing and included in the Erosion and Sediment Control Plan:

Sequence of Construction for Baisman Run Watershed

1. Clear the workspace as necessary. Clearing activities are limited to above ground vegetation removal that does not result in disturbance of the root zone. Any disturbance shall be stabilized by the end of each working day.
2. Clear and grub for and install perimeter erosion and sediment control measures and devices, including temporary access bridges.
3. Notify Baltimore County Department of Permits, Approvals, and Inspections, Sediment Control (DPAI, SC) upon completion of said installation.
4. With the approval of Baltimore County Department of Permits, Approvals, and Inspections, Sediment Control, and the Sediment Control Inspector, begin grubbing activities.
5. Segregate topsoil. Segregated topsoil should be seeded with a shade tolerant seed mix within 3 days.
6. Grade the right-of-way and install the stabilized temporary access road and install filter logs along the slope. Stabilize the exposed areas using seed and straw mulch.
7. Install Line MB. Only excavate the portion of the trench which can be installed and backfilled in a single day.
8. Backfill the trench and reinstall filter logs along the slope. Stabilize the exposed areas using seed and straw mulch.
9. Once construction activities have been completed in Oregon Ridge Park and final cleanup has begun, remove the stabilized temporary access road and return the area to its original grade. Address soil compaction issues in accordance with the Soil Compaction Mitigation note on ECN-1.0. Replace segregated topsoil. Install filter logs along the contours across the

entire right-of-way. Seed the exposed areas with a shade tolerant seed mix and install permanent soil stabilization matting.

10. Upon stabilization of the site with established vegetation and with permission of the sediment control inspector, remove sediment control measures and stabilize those areas disturbed by this process.