

**Bioretention Cell (Fredericksburg, VA)
Durango's at Southpoint
Completed in 2000**

The size of this bioretention cell is approximately 0.035 acres and it treats a 0.6-acre drainage area. The bioretention retains a volume of water that pools between 0.5 and 1 foot deep. Any additional water coming in is diverted down a drop inlet to the stormwater sewer system. The retained water filters through the bioretention cell.



Above photo taken in fall 2001.

Construction - The cell is covered with 3 inches of mulch with a filter media composed of 50% sand, 25% composted leaf mulch and 25% topsoil (with a low fines content) below the mulch. The filter media is 3 feet deep and is set on top of a stone aggregate layer. A perforated drainpipe runs through the stone aggregate layer and collects the filtered water that did not infiltrate into the ground and discharges it to a stormwater pond. (SDI 2000)

ACCESSIBILITY: The site is open to the public and available for viewing at any time.

DIRECTIONS: *From I-95, Take the US-1/US-17 SOUTH exit (Number 126), towards MASSAPONAX. Turn right onto JEFFERSON DAVIS HWY/US-1 S. Turn left onto Southpoint Parkway. The bioretention area is located at the corner of Southpoint Parkway and Southpoint Plaza Way next to Durango's restaurant.*



The information in this write-up was prepared by Krista Thompson Sharp at Friends of the Rappahannock in March 2002 through a grant funded project from the Chesapeake Bay Restoration Fund.