

Sediment Concentrations			
	Max Upstream Sediment (apprx. 50 yds upstream of old Hwy 87 Bridge)	Eco Screening Levels	Max Ash Concentrations
	(mg/kg)	(mg/kg)	(mg/kg)
Aluminum	7,500	3,200 (bkg)	9,660
Arsenic	1.3	9.8	60.8
Barium	86	60	1,110
Iron	16,000	6,800 (bkg)	20,600
Selenium	2.1	2	6.38
Strontium	7.9	3.1 (bkg)	79
Yttrium	11	3.8 (bkg)	7.5

Arsenic

SESD

Sediment Sample

Spill

Dan River

River Miles Downstream of 48" Outfall

5 Mile Markers

1 Mile Markers

Map Source:  
ESRI Aerial and Open Street Map, 2013.  
River Assessments  
FWS, EPA, VDGI, and VDEQ.

**Sediment Sampling  
Exceedances**  
**02/07/2014 - 02/19/2014**

29 Total Metals Sediment Exceedances Above Upstream Concentrations (Results through 2/19/2014)	
Aluminum	5 of 37
Arsenic	7 of 37
Barium	18 of 37
Iron	4 of 37
Selenium	8 of 37
Strontium	23 of 37
Yttrium	11 of 37

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