

**Species Conclusions Table**

Project Name: Freedom I-66

Date: October 21, 2014

Species/Resource Name	Conclusion	ESA Section 7 / Eagle Act Determination	Species Info / Habitat Description	Notes / Determination
Dwarf wedgemussel (Alasmidonta heterodon)	No suitable habitat present	No effect	"Found in small creeks to deep rivers in stable habitat with substrates ranging from mixed sand, pebble and gravel, to clay and silty sand. In the southern portion of its range, it is often found buried under logs or root mats in shallow water, where in the northern portion of its range, it may be found in firm substrates of mixed sand, gravel or cobble, or embedded in clay banks in water depths of a few inches to greater than 20 feet."	The only water features located on this site are wetlands and highly degraded intermittent stream channel. The intermittent tributaries are mainly supported by runoff from the neighboring industrial facilities and roadways.
Harperella (Ptilimnium nodosum)	No suitable habitat present	No effect	"Harperella typically occurs in two habitat types: (1) rocky or gravel shoals and margins of clear, swift-flowing stream sections; and (2) edges of intermittent pineland ponds in the coastal plain."	The only water features located on this site are wetlands and highly degraded intermittent stream channel. The intermittent tributaries are mainly supported by runoff from the neighboring industrial facilities and roadways. This project is located within the piedmont region of Virginia and not within the coastal plain.
<b>Eagles (Haliaeetus leucocephalus)</b>				
Eagle Nests				
Eagle Concentration Areas				
<b>Critical Habitat</b>				
<b>Other (other species not listed above or required coordination for NOAA, DCR, &amp; VDGIF)</b>				

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