

Quarterly Report: Monitoring Potential Cadmium Levels in Avian Tissues Associated with the Savannah Harbor Expansion Project – December 2015 (4th Quarter)

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The fourth quarter report includes the initial sampling of the winter monitoring period of the second year of the construction associated with SHEP. We sampled in both November (11-14, 2015) and December (11-12, 2015) of that quarter. The November effort involved mist-netting and the results are presented in Table 1. The Swamp Sparrow was initially collected in 2014 as a potential alternate species and is noted here since it is a re-capture (blood samples were collected to compare between years).

Table 1. Avian Species Captured and Sampled for Cadmium in the Early Portion of the Winter Period, 2nd Year of Monitoring (2015).

Species	Type ^a	Number
Brown Thrasher	Sentinel	1
Eastern Towhee	Sentinel	3
Northern Mockingbird	Sentinel	3
Savannah Sparrow	Sentinel	7
Song Sparrow	Sentinel	8
Northern Shovelers	Sentinel	6
American Avocet	Sentinel	1
Swamp Sparrow	Alternate	1

^aAlternate species are potential surrogates for sentinel species.
