

**PROGRESS REPORT FOR
MEMORANDUM OF AGREEMENT
BETWEEN
U. S ARMY CORPS OF ENGINEERS, HUNTINGTON
AND
U. S. DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE**

2004

PURPOSE

The purpose of this Memorandum is to establish a mutual framework in which to perform mitigation services at Marmet Locks and Dam. This Memorandum of Agreement is entered into pursuant to the Economy in Government Act (31 U.S.C. paragraph 1535) under authority of the Economy Act of 1932, 31 U.S.C. 1535.

SCOPE

The Marmet Locks and Dam are located in Kanawha County, West Virginia on the Kanawha River a short distance above Charleston, West Virginia, at River Mile 67.7. The Marmet Locks and Dam project includes building a new lock and approach channel located on the river right side to accommodate larger tows. About 21 acres of land will be excavated to below river level to create the new lock approaches. After lock construction is complete about 138 acres will be used for the project purposes, and the balance re-vegetated for wildlife purposes.

The NRCS agreed to harvest six plant species from the site, propagate, maintain and grow stock at the Alderson, West Virginia Plant Materials Center until which time a contract is awarded to replant the on-site mitigation areas. These species are not readily available in commercial nurseries and this agreement will allow for local ecotypes of each species to be re-established on the site. The six species of plants and quantities are as follows:

Latin Name	Common Name	Quantity
<i>Acer saccharinum</i>	Silver maple	412
<i>Lindera benzoin</i>	Spicebush	320
<i>Sambucus canadensis</i>	Elderberry	444
<i>Asimina triloba</i>	Pawpaw	510
<i>Sassafras albidum</i>	Sassafras	114
<i>Aesculus octandra</i>	Yellow buckeye	150

SUMMARY OF PROGRESS – 2004

During 2004, the NRCS Plant Materials Center at Alderson, West Virginia continued to propagate and/or maintain the following quantities of the six species in question:

Latin Name	Common Name	Quantity
<i>Acer saccharinum</i>	Silver maple	273
<i>Lindera benzoin</i>	Spicebush	410
<i>Sambucus canadensis</i>	Elderberry	520
<i>Asimina triloba</i>	Pawpaw	710
<i>Sassafras albidum</i>	Sassafras	80
<i>Aesculus octandra</i>	Yellow buckeye	290

In 2004, all plants were maintained in nursery pots in 20 by 96 foot nursery shade houses constructed to facilitate this Memorandum of Agreement. Deficits in the numbers of *Acer saccharinum* were corrected through collection and planting of seed or through rooting of cuttings taken in the spring of 2004. Additional *Sassafras albidum* plants were propagated from root cuttings in the spring of 2004 to attain the number of plants required.

A brief summary of NRCS expenditures to fulfill the requirements of this Memorandum of Agreement follows:

Personnel costs	\$10,655
Equipment and Supplies	\$ 1,000
TOTAL EXPENDITURES	\$12,655

These figures reflect all expenses incurred by NRCS through September 30, 2004.