

Allatoona Lake Chestnut Restoration Project

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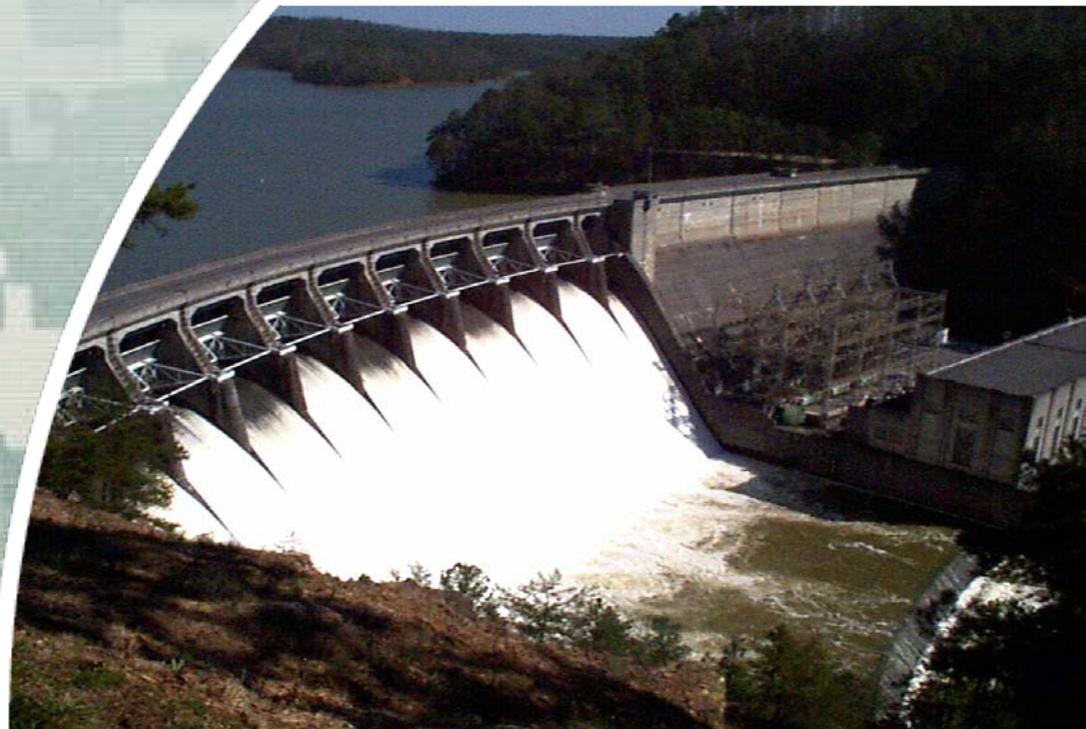
Allatoona Lake

March 1, 2012

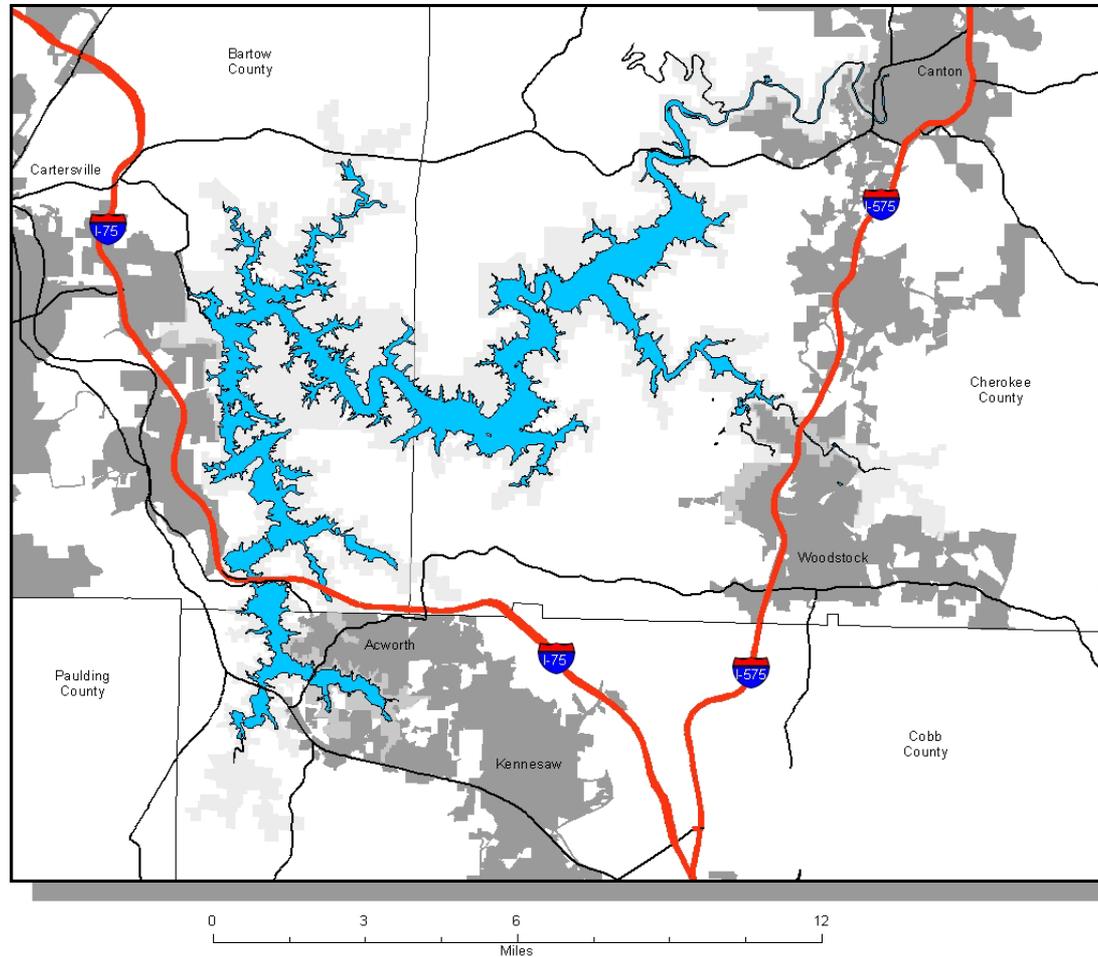


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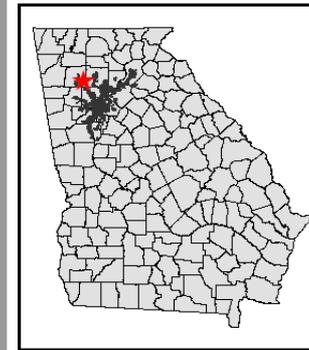
US Army Corps of Engineers
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Allatoona Lake Project- Cartersville, Georgia



Allatoona Lake Project Location in Reference to Greater Atlanta Area



US Army Corps of Engineers

Location Map



Legend

- Major Roads
- Interstates
- Allatoona Lake Project
- Allatoona Lake Project Boundary
- Greater Atlanta



- 6.2 M Visitors per Year
- 30 Miles North of Atlanta

Land Area
25,747 acres



Water Area
12,000 acres



Shoreline
270 miles



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Handshake Partners

- U.S. Army Corps of Engineers- Allatoona Lake
- American Chestnut Foundation (ACF), Georgia Chapter
- Others: Keep Bartow Beautiful, Trees of Bartow, Volunteers



American Chestnut History

- The American Chestnut tree was an essential component of entire eastern U.S. ecosystem.
- In the early 20th century, a disease known as the Chestnut blight was imported to the U.S., transported by Asian Chestnut trees, which wiped out almost the entire native Chestnut population.
- Decades of research and backcrossing with blight resistant Asian Chestnuts has created a potentially blight free, mostly American, Chestnut seed and tree.



Program Description

- The project consists of Corps personnel at Allatoona Lake selecting sites that are suitable for planting and conducting soil tests for possible diseases that would prevent the Chestnut trees from living.
- The ACF Georgia Chapter will supply potentially blight resistant seeds and expert analysis on planting, soil tests, and suitable areas.
- In 2011, a test planting was conducted in two areas located within Allatoona Lake Project Lands that were designated as the demonstration and restoration sites respectively.



Demonstration Site

- The smaller “demonstration” site will be planted with a sample of mixed Chestnut seed varieties near the Allatoona Lake Operations Project Management Office (OPMO) and labeled with interpretive panels both onsite and in the Visitor Center.



Demonstration Site



2011 Test Plantings



Chestnut Tree



Restoration Site

- The twenty (20) acre “restoration” site will be planted on the north side of Allatoona Lake and will be the first of its kind in the State of Georgia.



Restoration Site



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Restoration Site Prep



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Restoration Site Prep



Program Description Continued

- The Corps at Allatoona Lake will offer security for both sites through remote locations, as well as, regular ranger patrols



Funding

- Allatoona Lake OPMO committed \$9000 in project funds.
- ACF committing at least \$20,000 in funds through donation of seeds and in-kind services.
- Handshake funds, totaling \$11,000, will be utilized to support education, interpretation and recreation near the American Chestnut demonstration site.

| | Local Corps Office | Handshake Funds | Partner 1 | Partner 2 | Partner 3 | Total |
|----------------------------|--------------------|-----------------|-----------------|------------|------------|-----------------|
| Salaries | \$7,000 | N/A | \$0 | \$0 | \$0 | \$7,000 |
| Travel | \$0 | N/A | \$0 | \$0 | \$0 | \$0 |
| Materials and Supplies | | \$2,000 | \$10,000 | \$0 | \$0 | \$12,000 |
| Equipment Use | \$2,000 | \$2,000 | \$0 | \$0 | \$0 | \$4,000 |
| Funds Contributed | N/A | N/A | \$0 | \$0 | \$0 | \$0 |
| Personal Property | N/A | N/A | \$0 | \$0 | \$0 | \$0 |
| Volunteer | N/A | N/A | \$0 | \$0 | \$0 | \$0 |
| In-Kind Services | N/A | N/A | \$10,000 | \$0 | \$0 | \$10,000 |
| Other (explain below) | \$0 | \$7,000 | \$0 | \$0 | \$0 | \$7,000 |
| Total | \$9,000 | \$11,000 | \$20,000 | \$0 | \$0 | \$40,000 |
| Share of Total Cost | 22.5% | 27.5% | 50.0% | 0.0% | 0.0% | 100% |



The Good

- Still early in the project.
- ACF very receptive to Corps partnership proposal. ACF expanded the scope of the project.
- Partners have worked well together and have already completed Handshake funding requirements.
- One large interpretive panel has arrived via handshake funds. It will be placed at the demonstration site.
- Other local partners and volunteers are very willing to join in on the project.



The Bad

- 2011 test planting were low on results.
- Communication between Corps and ACF sometimes lacking.
- A few instances of late cancellations between ACF and the Corps concerning volunteer planting dates and or meetings.



Questions?



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