Chattahoochee River Restoration
Restoring the Last Falls of the Chattahoochee
River Restoration Supporters

- Columbus Consolidated Government
- Columbus Chamber of Commerce
- Phenix City
- Russell County
- Phenix City Chamber of Commerce
- United States Army Corps of Engineers
- Columbus Water Works
- Historic Columbus Foundation
- Uptown Columbus
- East Alabama Riverfront Development
- Chattahoochee River Warden
- Historic Chattahoochee Commission
- Columbus Convention and Visitors Bureau
- The Nature Conservancy
- Alabama Rivers Alliance
- Oxbow Meadows Environmental Education Center
- Georgia Department of Natural Resources
- Alabama Department of Natural Resources
- U.S. Fish and Wildlife Service
- U.S. Canoe and Kayak Federation
Project Benefits

- Aesthetic Benefits
- Environmental Benefits
- Positive Impact on Riverwalk Project
- Recreational Benefits
- Catalyst for Historic Preservation
- Economic Benefits
- Positive Image for the Community
Aesthetic Benefits
Aesthetic Benefits
Aesthetic Benefits
Habitat Restoration

- Shoal Bass
- Shoal Spider Lily
- Alabama Shad
- Striped Bass
- Blue Stripe Shiner
- Greater Jumprock
Provide a Shoreline Greenway
Whitewater Draw Radius

- "SKOOK" WAVE, BC
- GARBERATOR WAVE, O
- ADVENTURE SPORTS CENTER MD
- UNITED STATES OF AMERICA
- TULSA, OK
- NANTAHALLA
- GUADALUPE RIVER TX
Events – 2012 World Cup
River Surfing
Urban Whitewater

- Denver, CO
- Golden, CO
- Vail, CO
- Gunnison, CO
- Pueblo, CO
- South Bend, IN
- Reno, NV
- Richmond, VA
- Charlotte, NC

“The best capital investment project I’ve ever seen.”
Mayor of Reno
“Today, Confluence Park is solid gold. This is as close to a beach as Denver gets, a lush oasis in the middle of the city, a place to hang out for the day or to use as a starting point for an adventure down the bike path or up the Greenway. On this morning, dog owners frolic with their pets in the middle of the Platte, while a kid in a kayak floats past undisturbed by the posse of new mothers running above, pushing their sleeping babies ahead in strollers; executives make deals on the Starbucks deck outside of REI overlooking the river…”
### Economic Benefits

<table>
<thead>
<tr>
<th>Visitors</th>
<th>Impact</th>
<th>Jobs</th>
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<tbody>
<tr>
<td>Ocoee</td>
<td>240,000</td>
<td>$24mm</td>
</tr>
<tr>
<td>Nantahala</td>
<td>213,000</td>
<td>$14mm</td>
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<tr>
<td>Kennebec</td>
<td>36,000</td>
<td>$10mm</td>
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<tr>
<td>Gauley</td>
<td>45,000</td>
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<tr>
<td>Reno River Park</td>
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<tr>
<td>Charlotte Whitewater</td>
<td>596,000</td>
<td>$37mm</td>
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<tr>
<td>West River</td>
<td></td>
<td>$148m per day</td>
</tr>
<tr>
<td>Cheowa River</td>
<td></td>
<td>$155m per day</td>
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</tbody>
</table>

**Our Advantage:** Geography, Flow, Climate
C.S.U. Economic Impact Study

- 10 Million kayaking participants in U.S.
- Over 200% increase over 5 yr. period
- 188,000 forecasted participants
- Total economic impact $42 million
- Creates 73 design and construction phase jobs and 739 permanent jobs
- 61% increase in riverfront property values
- No attempt to quantify environmental or intangible benefits
Catalyst for Redevelopment
The Intangibles

- People watching people
- Sense of Place
- Great place to live and visit
- The right image!

Young, Healthy, Green
What if we don’t restore the river?
Due Diligence

- Historic Documents Search
- 3 Physical Surveys
- 2 Ground Penetrating Sonar Surveys
- 2 Side Scan Sonar Surveys
- 1 Dimensional Hydraulic Modeling
- 2 Dimensional Hydraulic Modeling
- Physical Model
- Water Surface Profiles
- Diver Surveys
- Fish and Mussel Studies
- 2 Economic Impact Studies
- Liability Review
- Master Plan
Research
Water Surface Profiles

- 800 CFS
- 3000 CFS
- 6000 CFS
Saluda River Examples
2-D Modeling
Physical Model
Public Process

- Public Meetings
- Charettes and Focus Groups
- 8 Visits to City Council
- Web Site Development
- Social Network Sites
- Press Releases and Interviews
- Press Conferences
- School Projects/Research Papers

*Umpteen Presentations on the Rubber Chicken Circuit!*
Permitting

- Mobile Corps of Engineers
- Savannah Corps of Engineers
- Federal Energy Regulatory Commission
- GA EPD
- AL EPD
- D.N.R.
- U.S. Fish and Wildlife Service
- State Historic Preservation Office
- National Park Service
- Indian Tribes
Funding

- C.O.E. 206 $ 5mm
- Private 11mm
- City of Columbus 5mm
- Phenix City 800m
- N.O.A.A. 200m
- Trust for Public Lands 500m

True public/private partnership!
Project Timeline

- Start construction Spring 2011
- Breach Eagle and Phenix Dam Spring 2012
- 2012 World Cup August 2012
- Breach City Mills Dam Fall 2012
Restoring the River
THANK YOU
2012 World Cup Venue

Restored Coweta Falls

Alabama Wave

Georgia Wave
Georgia Wave
Phenix City Outfitter Access Plan
2012 World Cup Team

- Uptown Columbus
- Columbus Sports Council
- Outdoor Events, Inc.
- TSYS
- Columbus Convention & Visitors Bureau
- McLaughlin Whitewater
Alabama Takeout
Restore the Last Falls of the Chattahoochee
Aesthetic Benefits
Aesthetic Benefits
Alabama Put-In

- Level area for raft staging
- 5% ADA ramp
- Prop. Riverwalk alignment unchanged
- Concrete stairs with central rail for sliding rafts
- Line of high water (HWO) launch area
- Concrete raft launch
- 7% ADA ramp
- Excavated area
- 1,300 CFS water surface EL 223.7
- 800 CFS water surface EL 217.1
- Rock jetty to slow water velocity