



***Twin & Walker Creeks Watershed Conservancy***  
***100 Walker Lake***  
***Shohola, PA 18458***

President: Peter Wulfhorst  
President Elect: Joyce Laudise  
Secretary: Patricia Messineo  
Treasurer: Linda Cioppa  
Past President: Dr. Ralph Cioppa

December 22, 2004

## **DRAFT**

### **STRATEGIC PLAN**

Organization: Twin & Walker Creeks Watershed Conservancy.  
Who We Serve: The community that is served by the watershed enclosing Twin Lakes, Walker Lake and their associated streams.

Mission Statement: To promote better understanding of the Twin and Walker Creeks Watershed and its ecosystems and to protect, restore and enhance the watershed through proper management and watershed stewardship.

Critical Issues: We are committed to:

1. Controlling the runoff from the roads in the Watershed
2. Affecting the decisions made by our local, county and state governments concerning ordinances and building within the Watershed.
3. Identifying and controlling the actual and potential septic and oil leakage within our Watershed.
4. Stopping the slow but continual eutrophication of our lakes.

## Priority Actions:

1. Maintain and enhance the ecological integrity of the Watershed
  - a. Manage growth within the watershed.
    - i. Improve municipal planning
    - ii. Implement a land protection program
    - iii. Monitor changes in Watershed land use
  - b. Reduce nonpoint source pollution within the direct drainage areas of the lakes.
    - i. Implement best management practices for highest priority nonpoint source pollution problem areas
    - ii. Identify and control nutrients from malfunctioning septic systems
    - iii. Improve control of other residential nutrient sources
    - iv. Control nutrient inputs from Canada geese
    - v. Identify and control oil leakage from malfunctioning oil storage systems
    - vi. Remove silt buildup from lakes
  - c. Implement long-term water quality monitoring program
    - i. Monitor annual trends in the lakes' trophic conditions
    - ii. Monitor fecal coliform at the swimming beaches
  - d. Fill existing data gaps
    - i. Quantify fisheries resources
    - ii. Quantify past trends in data
      1. Establish past database
      2. Connect to current database
  - e. Control nuisance algae and vascular plant blooms
    - i. Use in-lake treatment
    - ii. Employ draw down methods
2. Build organizational capacity
  - a. Expand Board membership

- i. Add a member from the Shohola municipal structure
    - ii. Add Associate Board members
    - iii. Form operating committees based on the above critical issues
    - iv. Increase Conservancy membership
    - v. Conduct yearly membership campaign
    - vi. Expand working partnerships with outside organizations
    - vii. Strengthen working relationships with Shohola, Pike County and the State of Pennsylvania
    - viii. Strengthen working relationships with watershed POAs
    - ix. Establish partnership with local land trusts
  - b. Expand computer relationships
    - i. Obtain GIS capability
    - ii. Quantify past trends in data
      - 1. Establish past database
      - 2. Connect to current database
  - c. Increase base operational funding
    - i. Identify, priority and obtain sources of additional operational funding
  - d. Increase technical capability
    - i. Continue and increase formal volunteer lake and stream monitoring training program.
    - ii. Continue formal volunteer lake and stream monitoring program
- 3. Improve habitat quality within the Watershed
  - a. Conduct an in-depth habitat assessment of Twin Lakes Creek, Walker Lake Creek
  - b. Prioritize and implement in-depth habitat enhancement projects

**ANNUAL BUDGET NEEDS:**

1. Controlling the runoff from the roads in the Watershed. \$20,000.00
2. Affecting the decisions made by our local, county and state governments concerning ordinances and building within the Watershed. \$1,000.00
3. Identifying and controlling the actual and potential septic and oil leakage within our Watershed. \$5,000.00
4. Stopping the slow but continual eutrophication of our lakes. \$6,000.00

**Key Individuals:**

1. Members of the Board of Directors
2. Associate Members of the Board of Directors
3. Committee chairs to address the four critical issues chosen from the Members of the Board
4. Committee members to serve on the above committees chosen from the Associate Members
5. Monitoring and training volunteers from the community
6. Conservancy Members

**Share this Plan**

1. Elected officials
2. Agencies
3. Organizations
4. Key Individuals
5. Community leaders
6. Potential funders
7. Media