

Deep Creek Lake Watershed Management Plan Public Meeting October 5, 2013

Group 1

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Issues identification

1. Agency Coordination: MDE specifically, Fragmentation of management responsibilities
2. Politics of property rights
3. Use of lake surface
4. Lake levels
5. Watershed delineation
6. Recognize lower yough
7. Sustainability of lake ecology
8. Invasives – SAVs, streams, terrestrial
9. Commercialization and Industrialization in watershed
10. Shoreline erosion
11. Funding
12. Water quality – septic systems and others
13. Accountability between county and state
14. SAVs

Highest Priority Issues

Diving Deep – based on top 3-4

1. Accountability and agency coordination
 - a. Sources
 - i. Lack of coordination
 - ii. Agencyies to include mde, dnr, county, Brookfield, dot and health department
 - iii. Disproportionalte influences: ngos and government
 - iv. Unclear and incomplete responsbilities and clarification of responsbilities
 - b. Solutions
 - i. Clearing house for coordination
 - ii. Establish a lake authority – centralized, integrated and funding
 - c. Barriers
 - i. Unwillingness to address
2. Lake Ecology supertopic, subtopic Lake Levels
 - a. Sources

- i. Competing interests
 - 1. dam releases, fisheries, white water, leakage
 - ii. sedimentation from shore erosion and other sources
 - b. Solutions
 - i. Shoreline erosions control
 - ii. Revise rule bands to achieve a more “fixed”water level
 - iii. Releases should be tied to weather – ppt and drought
 - c. Barriers
 - i. Competing uses
 - ii. Water has no price and there are no fees for use
- 3. Commercialization/industrialization/residential development
 - a. Sources
 - i. Septic systems – private and commercial
 - ii. Roads
 - iii. Stormwater management
 - iv. Poor enforcement of watershed zoning
 - v. Shale extraction impacts, particularly road impacts
 - b. Solutions
 - i. Septic retrofits
 - ii. Sewer systems with development caps – density based or other approaches
 - iii. Enforcement of stormwater and zoning
 - c. Barriers
 - i. Politics and lack of a mandate or policy
 - ii. Funding
 - iii. Enforcement or management authority
- 4. Water Quality
 - a. Sources
 - i. Watershed and catchment erosion and sedimentation
 - 1. Should this be evaluated by type – chronic or episodic
 - 2. Sources to include construction, shoreline erosion
 - ii. Nutrients
 - 1. failing sewers and septic
 - 2. agriculture
 - 3. lawn management
 - 4. geese
 - iii. Boat exhaust pollution – fuels, metals, particulates absorbed into water column or deposited on lake bottom
 - 1. debate on whether this is a problem

b. Solutions

- i. Use appropriate SWM systems and soil erosion control systems
 - 1. example – dry wells should be used in place of vegetated swales
- ii. Retrofit non existing or failing SWM
- iii. Incentivise landowner participation

c. Barriers

- i. Education
- ii. Lack of data
- iii. Enforcement
- iv. Alternative BMPs for lawn management
- v. Lack of identified standard and goals.