

**NATURAL RESOURCES CONSERVATION SERVICE**

**GEORGIA**

**DOCUMENTATION CHECK LIST**

**LINED WATERWAY OR OUTLET  
CODE 468**

1. Field surveys and notes are in accordance with Engineering Technical Release 62 and National Engineering Manual Part 540. \_\_\_\_\_
2. Standard drawings and/or standard size drawing sheets are used. \_\_\_\_\_
3. Engineering job class is shown and proper engineering review/approval is obtained. \_\_\_\_\_
4. The facilities are planned as part of resource management system. \_\_\_\_\_
5. Computations are recorded for hydrology, hydraulics for sizing the waterway, including design flow, velocity and freeboard. \_\_\_\_\_
6. Soils investigation of the site is appropriate for selecting the lining material, evaluating drainage needs and selecting design velocity. \_\_\_\_\_
7. Appropriate structure evaluation and rock sizing for liner materials is documented. \_\_\_\_\_
8. The construction drawings and specifications show as appropriate:
  - a. Site plan layout, cross-sections and gradient of channel/embankment. \_\_\_\_\_
  - b. Requirements for lining, material, thickness, etc. \_\_\_\_\_
  - c. Requirements for structures when needed. \_\_\_\_\_
  - d. Requirements for foundation treatment/drainage when needed. \_\_\_\_\_
  - e. Special outlet requirements when needed. \_\_\_\_\_
  - f. Seeding requirements; species, seeding dates, rates. \_\_\_\_\_
  - g. Requirements for mulch/netting when applicable. \_\_\_\_\_
  - h. Buried utilities disclaimer is shown on the drawings. \_\_\_\_\_
9. Operation and maintenance items provided to landowner. \_\_\_\_\_
10. Review of construction drawings, specifications and O&M is completed and Cooperator's signature is obtained. \_\_\_\_\_
11. As-Builts document constructed
  - a. Waterway channel cross-sections, profiles and completed length. \_\_\_\_\_
  - b. Lining materials, thickness, status of vegetation, drainage as applicable, etc. \_\_\_\_\_
  - c. Outlet details. \_\_\_\_\_
  - d. Structure details. \_\_\_\_\_
12. Changes in design are noted and approved by landowner, designer and proper engineering review/approval is obtained. \_\_\_\_\_
13. Certification that completed practice meets plans and specifications. \_\_\_\_\_