

**U.S. Department of Agriculture
Natural Resources Conservation Service
Nevada**

**DOCUMENTATION CHECK LIST
WASTE TREATMENT LAGOON (359)**

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. Right of way easements, utility clearances, SHPO clearance and applicable state and Federal permits are obtained. _____
5. Soils investigation of the site is appropriate for designing liners as needed and designing foundation treatment/drainage required for structural facilities. _____
6. Computations are made for sizing the Waste Treatment Lagoon. This includes waste(s), wash water, storm water runoff and direct precipitation as appropriate. _____
7. Waste Treatment Lagoon is designed as part of a waste management system and nutrient management plan. _____
8. The construction drawings and specifications show as appropriate:
 - a. Location map, complete facility plan layout, cross-sections and profiles showing dimensions, elevations and type(s) of construction materials. _____
 - b. Reinforcing steel details for reinforced concrete, material and compaction requirements shown for earth embankments and earth liners. Location, type, size of construction joints, expansion-contraction joints or special joints for fabricated structures, vegetative treatment on embankments. _____
 - c. Requirements for foundation preparation and treatment, pipe inlets and outlets. _____
 - d. Safety features, ladders, fencing, and safety signs. _____
 - e. Buried utilities disclaimer is shown on the drawings. _____
9. Operation and maintenance plan prepared, which give allowable storage levels. _____
9. Review of construction drawings and specifications is completed and Cooperator's signature is obtained. _____
11. Changes in design are noted and approved by landowner, designer and proper engineering review/approval is obtained. _____
12. As-Built drawings show constructed dimensions (length, width, and depth) of facilities, type of materials, location and size of joints and appurtenances. _____
13. Construction inspection documentation and Certification of materials. _____
14. Certification that completed practice meets plans and specifications. _____