

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

**DOCUMENTATION CHECK LIST
PUMPING PLANT FOR WATER CONTROL (533)**

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/geologic investigation of the site for designing foundation. _____
6. Computations are made for determining suction and discharge requirements, sump dimensions, structural requirements for sump, and pump and motor requirements. _____
7. The facilities are designed as part of a resource management system. _____
8. The construction drawings and specifications show as appropriate:
 - a. Site plan location and layout, structural details showing material, dimensions, reinforcement elevations, and joint details as needed. _____
 - b. Requirements for pump and motor. _____
 - c. Buried utilities disclaimer is shown on the drawings. _____
9. Operation and maintenance plan prepared, and provided to landowner. _____
10. 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 completed dimensions, material, and elevations of pumping plant foundations, brand name, type and horsepower of pump and motor, safety and automatic electrical control appurtenances. _____
13. Construction inspection documentation and Certification of materials. _____
14. Certification that completed practice meets plans and specifications. _____