

CHECK LIST FOR EVALUATION OF MANAGEMENT SYSTEMS AND ASSOCIATED PRACTICES

| Adequate? | YES | NO | NA |
|-----------|-----|----|----|
|-----------|-----|----|----|

EVALUATION OF CONCERN

- 1. Objectives Documented () () ()
- 2. Assistance Notes Current () () ()
- 3. Resource Concern Check List/Problems Identified () () ()

INVENTORY OF RESOURCES

- 4. Resource Inventory Data () () ()
- 5. Location Map, Plan Maps and Legend () () ()
- 6. Non-Technical Soil Descriptions, Soil Maps and Legends () () ()

RESOURCE ANALYSIS

- 7. Documentation of Quality Criteria Assessment for Systems/Practices () () ()
- 8. Resource Concerns (SWAPA+H) Addressed () () ()

ALTERNATIVES FORMULATED AND EVALUATED

- 9. Alternatives (including RMS) Developed and Considered () () ()
- 10. Preliminary Design Assumptions, Cost Estimates with Economic Analysis () () ()

DECISION(S) FORMULATION

- 11. Plan (and Contract, if Required) Documented in Toolkit () () ()
- 12. Appropriate Signatures, Planners/Producer, Etc. () () ()
- 13. Cultural Resources Documentation (MT-CPA-8 plus 8A or 8C, if needed) () () ()
- 14. Environmental Evaluation (MT-CPA-52) adequately documented () () ()
- 15. Meets Operator's Objectives (including CNMP, if needed) () () ()
- 16. Meets Resource Concerns () () ()
- 17. Soils and Climate Addressed () () ()

IMPLEMENTATION

- 18. Specification Cover Sheet () () ()
- 19. Job Class Shown/Appropriate Approval Authority () () ()
- 20. Job Sheets or Worksheets Provided () () ()
- 21. Special Provisions Provided (if needed) () () ()
- 22. Specifications/Design Reviewed with Client, Dated with Signatures () () ()
- *23. Design Computations Complete, Accurate, and Checked () () ()
- *24. Drawings Complete According to Policy and Drafting Standards () () ()
- 25. All Design, Layout, and Survey Notes Complete and Checked According to Policy and Standards. () () ()
- 26. Permits and Utilities Notifications () () ()
- 27. Operation and Maintenance Plan Provided [Management Plan (CNMP, IWM)] () () ()
- 28. Practice(s) Installed Correctly () () ()

CHECK LIST FOR EVALUATION OF MANAGEMENT SYSTEMS AND ASSOCIATED PRACTICES -- CONTINUED

| Adequate? | YES | NO | NA |
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IMPLEMENTATION--continued

- 29. Field Checked (including Inspection Notes if Engineering Practice) () () ()
- 30. Practice(s) Documented in Toolkit () () ()
- 31. Progress Documented in PRS () () ()
- 32. Approved Variances (if needed) () () ()
- 33. Quantities/Computations Correct (Checked/Engineering) () () ()
- 34. Practices Certified () () ()
- 35. Follow-up Scheduled () () ()
- 36. As-Built Drawings and Documentation Complete. () () ()
- 37. Construction and Checkout Survey Notes Complete (Checked/Engineering) () () ()

*NOTE: For Engineering Systems and Associated Practices see below.

ENGINEERING SYSTEMS AND ASSOCIATED PRACTICES, FOR ITEM NUMBER

*23. Design Computations Complete, Accurate, and Checked

- A. Geology/Geomorphology Needed and Completed () () ()
- B. Soil Mechanics Needed and Completed () () ()
- C. Hydrology Computations () () ()
- D. Hydraulic Computations () () ()
- E. Structural Computations () () ()

*24. Drawings Complete According to Policy and Drafting Standards

- A. Title Blocks Complete () () ()
- B. Designer Signature on First Page of Drawings () () ()
- C. Reviewer Signature on First Page of Drawings () () ()
- D. Quantities Shown on the Drawings () () ()
- E. Location Map or Description () () ()
- F. North Arrow Shown () () ()
- G. Plan View(s) () () ()
- H. Profile(s) () () ()
- I. Cross Section(s) () () ()
- J. Structure Detail(s) () () ()
- K. Drawings Clear and Neat () () ()
- L. Specifications Provided to the Operator () () ()
- M. Special Provisions Provided to the Operator () () ()
- N. Final Quantities Cost Estimate Provided to Operator () () ()