

## **SMALL POND AS-BUILT CHECKLIST FOR INTERIM AND FINAL ASBUILTS**

### A. Method:

- \_\_\_\_\_ 1. The minimum information shall be shown in red on a copy of the approved plans.
- \_\_\_\_\_ 2. A check mark must be made beside planned values if they were the constructed values. For changed values, line out the planned value and enter the actual value. Elevations to the nearest 0.1 foot are sufficient.
- \_\_\_\_\_ 3. A check mark must be made next to each constructed pond component (i.e., core trench, trash racks, anti-seep collar, etc.).
- \_\_\_\_\_ 4. Revised computations are required to address deviations from approved design.
- \_\_\_\_\_ 5. A certification statement and seal by a professional engineer that the as-built is accurate and complete and that the pond, as constructed, meets the requirements of the Standards and Specifications for Ponds.

### B. Minimum Information Required:

- \_\_\_\_\_ 1. A profile of the top of dam showing constructed and settled elevations, noting top width and side slopes. Show constructed core trench and spillways.
- \_\_\_\_\_ 2. A cross-section of the emergency spillway at the control section.
- \_\_\_\_\_ 3. A profile along the center line of the emergency spillway.
- \_\_\_\_\_ 4. A profile along the center line of the principal spillway extending at least 100 feet downstream of the fill. Show constructed core trench.
- \_\_\_\_\_ 5. The elevation of the principal spillway crest.
- \_\_\_\_\_ 6. The elevation of the principal spillway pipe invert (inlet and outlet).
- \_\_\_\_\_ 7. The diameter, length and type of material for the riser.
- \_\_\_\_\_ 8. The diameter, length and type of material for the pipe.
- \_\_\_\_\_ 9. The size and type of anti-vortex and trash rack device and its elevations in relation to the principal spillway crest.
- \_\_\_\_\_ 10. The number, size and location of the anti-seep collars.
- \_\_\_\_\_ 11. The diameter and size of any low stage orifices or drain pipes.
- \_\_\_\_\_ 12. Show the length, width and depth or contours of the pool area so that design volume can be verified.
- \_\_\_\_\_ 13. Notes, measurements and elevations to show that any special design features were met.
- \_\_\_\_\_ 14. Note fence installation.
- \_\_\_\_\_ 15. No trees allowed on the embankment (15' from toe and 25' radius from riser structure).
- \_\_\_\_\_ 16. The top width and side slopes must be equal to or flatter than the design.
- \_\_\_\_\_ 17. There must be a proper relation between the elevations of the principal spillway crest, the emergency spillway crest and the top of dam.
- \_\_\_\_\_ 18. Verify length, width, depth and stone size of riprap at outlet.
- \_\_\_\_\_ 19. All as-built elevations must be noted next to the design elevations.