



EARTHEN LINED LAGOONS – FINAL REPORTING CHECKLIST

Submit the final plan, with the minimum requirements noted below, prior to filling an approved lagoon.

- ☐ Project Summary
- ☐ Oklahoma Professional Engineer (PE) Certification and Sign-off
- ☐ Field Nuclear Density Testing (ASTM D6938)
- ☐ Construction Testing
- ☐ Piping Backfill
- ☐ Soils Documentation:
 - ☐ Laboratory Compaction Characteristics of Soil (ASTM D698)
 - ☐ Atterberg Limits Test (ASTM D4318)
 - ☐ Grain Size Particle Distribution Analysis (ASTM D422)
 - ☐ Hydraulic Conductivity / Coefficient of Permeability (ASTM D 5084)
- ☐ As Built Documentation
- ☐ As Built Lagoon Map
- ☐ As Built Cross Section Lagoon Map(s)
- ☐ As Built Storage Volume Availability Table
- ☐ Measuring Gage Documentation
- ☐ Monitoring Well Documentation (**LMFO ONLY**)
 - ☐ Vertical Cross-section Maps of Any Monitoring Well
 - ☐ Multi-Purpose Well Completion & Plugging Report (from OWRB)
- ☐ Documentation of a 10 ft Vertical Separation from Groundwater
 - ☐ Soil Log from Soil Boring 10 ft Below the Bottom of the WRS
 - ☐ Documentation from an OK PE Certifying 10 ft Vertical Separation