OPERATION AND MAINTENANCE

**Pond Sealing or LIning - Compacted Soil Treatment**

# CODE 520

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| Landowner Operator: | | | |  | | | |
| Practice Location: | | |  | | | | |
| County: |  | | | | Farm Tract No.: | |  |
| Prepared by: | |  | | | Date: |  | |

Inspections and maintenance are required to achieve the intended function, benefits, and life of the practice. The landowner/operator is responsible to establish and implement an inspection and maintenance program. Items to inspect and maintain during the 15-year design life of the practice include, but are not limited to, the following:

1. Inspect after significant storm events, each time the facility is emptied and at least annually to identify repair and maintenance needs.
2. Inspect the compacted soil liner at agitation and pumping locations for liner integrity.
3. Where erosion has damaged the compacted soil liner and/or soil cover, identify the source of the water causing the erosion and implement corrective measures to divert the water to control the erosion if it is not intended to enter the facility.
4. Repair all damage to the compacted soil liner and soil cover to its original thickness and condition. Provide additional protection as necessary to maintain repaired compacted soils liner and soil cover.
5. Where the soil cover has slipped along the sides of the pond and the compacted soil liner is exposed, consult a qualified professional to determine the cause of the slippage, identify any needed corrective measures, and implement the corrective measures.
6. Repair any settlement or erosion of the soil cover that occurs with soil and reseed or resurface, as needed.
7. Check for burrowing animals. When found, remove the burrowing animals, and, where needed repair compacted soil liner, replace soil cover, and reseed or resurface as needed.
8. Install and maintain a fence to prevent damage to the compacted soil liner from animals, humans, vehicles, and/or equipment.
9. Remove large shrubs and roots from trees at first appearance.