



OPERATION AND MAINTENANCE
Waste Separation Facility (WV632)

_____ Land Owner _____ Service Center
_____ County _____ Date

A properly operated and maintained **Waste Separation Facility (632)** is an asset and with proper management will protect the natural resources.

The waste separation facility was designed and installed to be used for the separation of a portion of solids from a liquid waste stream as part of a conservation management system.

The estimated minimum required life span of this installation is **15** years. The life of the practice can be assured and usually increased by developing and carrying out a systematic operation and maintenance program.

This practice will require periodic maintenance and may also require operational items to maintain satisfactory performance. Your operation and maintenance program includes:

- Adhere to all safety signs and monitor wind currents and directions, prior to entering facility.
- Maintain all discharge components to ensure that the anticipated flow can be safely passed for the normal waste stream discharge and for emergency release.
- Maintain all pumps, agitators, piping, valves and all other electrical and mechanical equipment in good operating condition by following the manufacturer's recommendations. Maintain grounding rods and wiring for all electrical equipment in good condition.
- Maintain all fences, railings, and/or warning signs to provide warning and/or prevent unauthorized human or livestock entry. Maintain all lids, grates, and shields on openings to underground structures.
- Maintain positive drainage away from the facility.
- Immediately shut down separation operations if the structure has been damaged and there is danger of imminent failure. Immediately seek a qualified engineer to assess the situation.
- Immediately repair any vandalism, vehicular or livestock damage to the structure, earthen areas surrounding the structure, or any appurtenances.
- Operate the facility in a manner that minimizes odors and air drift.

- Do not allow human entry into any enclosed structure without safety equipment that includes ladders and breathing apparatus.
- Remove all foreign debris within the structure that may cause damage to any part of the system.
- Inspect the separation device and support structure, screens and outlets, and remaining capacity in storage facilities each time the equipment is used.
- Inspect separator facilities at least twice a year along with the housing that may cover the facilities (when appropriate).
- Replace any mechanical parts, hardware or other replaceable parts which are damaged or show excessive wear or decay.
- Walls of dry stacks that are constructed with lumber may need repair or replacement during the life of the structure.
- If unit is idle for periods of time during winter months, it is recommended to drain separator and piping.
- Verify associated practices that are components of the waste separation facilities are inspected and working correctly.

Additional Operation and Maintenance Requirements Specific to this Plan:

<u>Inspection</u> <u>Date</u>	<u>Items to be Repaired and Corrective Action Taken</u>	<u>Repair</u> <u>Date</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

Contact your local NRCS office for any additional technical assistance you might need for implementation of this O&M plan.

This O&M Plan was discussed and a copy provided to the landowner/operator.

Signed by the Responsible NRCS Employee/Conservation Partner

Date