



Niagara BioEnergy and Buffalo BioEnergy Digester Prevention /Contingency Plan for Spills at Digester, Lagoon, or Temporary Storage Tanks/Bags

SPILLS

In the unlikely event of a spill during transportation to, within, or from (to land application) the digesters, we will take the following immediate actions:

1. **PREVENT SPILLS THROUGH REGULAR INSPECTIONS, MAINTAINENCE, AND PROACTIVE MANAGEMENT.** Perform the O & M per plans for all equipment. When managing equate effluent in the field locate operations and storage per NYCRR § 360 and prudently avoid areas where a spill would result in release of equate off of the NYSDEC approved fields.
2. **HALT THE SOURCE OF THE SPILL.** For temporary bags form a protective earthen berm or compost sock secondary containment to contain possible leaks.
3. **CONTAIN SPILL;** As appropriate, use straw bales or compost socks to form a barrier. At the digester facility a stockpile of sandbags will be on hand to block the abutting stream in the event of a major tank failure.
4. **CLEAN UP;** Employ vacuum truck cleaning up large quantities of spilled sludge.
5. **FINAL CLEAN UP;** As appropriate, flush roadways with water immediately after sludge is removed from the spill site, or sweep as necessary to clean. In the event a spill occurs on private property, the owner will be contacted immediately and final cleanup will be completed to the satisfaction of the owner.
6. **MANAGEMENT OF CLEAN UP EFFORTS;** We shall take immediate charge and initiate clean-up activities. Labor shall be secured as needed. We shall also be on hand to communicate with the public or media on the scene, answering questions and advising of clean up activities.
7. **NOTIFICATION:**
 - Dispatch Manager to notify Operations Managers with exact location, time of occurrence, and conditions of spill.
 - IMMEDIATE NOTIFICATION** will be given by Regulatory and Operations in the following order:
 - NYSDEC Office Region 9 (Buffalo) Office 716.851.7220 to Regional Materials Management Engineer (RMME) within 24 hours of discovery of a spill.
 - Dispatch to notify Site Manager about spill and needed equipment for clean-up.
 - Site Manager to notify Operational Managers if vacuum truck and/or personnel assistance is required.
 - We have an agreement in place with land application contractor to provide emergency assistance as required.
 - Dispatch to obtain necessary information about spill such as police report and to follow-up as necessary to bill other parties for insurance claims.
8. **SPILL PREVENTION;** We shall take the following steps:
 - Ensure truck drivers/plant operators watch truck while loading at plant.
 - Ensure that tailgate seals and/or lids are in place on trucks. If not, they will be replaced or repaired as necessary.
 - Inspect trucks daily and replace or repair as necessary.
 - Ensure tarps are in place while transporting.
 - Ensure unloading operations in the field are conducted so as to minimize any spillage.

- ❑ Instruct truck drivers of assured safe distances to follow traffic so as to prevent sudden stops.
- ❑ Temporary storage tanks or bags will be located at least 33' from ditches, swales, roads, fence lines, or wooded areas; 300' from neighbors homes and drinking water wells, and on sites with A (0 to 2%) or B (2 to 6%) slopes.

9. DOCUMENTATION OF INCIDENT AND CORRECTIVE ACTIONS; We shall fully describe in writing details of the incident and corrective actions taken within five working days of the incident to the RMME.

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