



TPSA Conference 2018

Agenda

Facility Site Water

- Disposal of secondary containment water
- Disposal any operationally exposed water

Equipment Cleaning

- Applicator's
- Nurse equipment
- Package containers
- Mini Bulk-IBC's containers

Policy on Best Management Practices for Co-Alliance, LLP Agronomy Facilities

In an effort to eliminate the discharge of ANY water containing fertilizer, pesticide, and/or other contaminants from our facilities into the waters of the State, the following procedures WILL be followed:

Handling and Transfer of bulk fertilizers and pesticides

•All on-site handling, transferring, mixing, loading, container cleaning, etc., of bulk fertilizers and pesticides, will be conducted over an impervious pad.

Management of storm water discharges

•Each facility shall be operated and maintained so that contact of storm water with potential sources of pollutants (fertilizer, pesticides. etc.) is minimized.

Secondary containment liquids:

- Liquid Fertilizer: Water shall be sampled prior to discharge from dikes and secondary containment for the presence of ammonia and nitrates, utilizing approved test kits.
 - If ammonia nitrogen and/or nitrate or nitrite is detected, the affected liquids should be transferred into a tank compatible with the materials collected for use as batch makeup water or to be field applied.
- Pesticides: If pesticides are detected or suspected, the affected water should be transferred to a tank compatible with the materials collected for use as directed on the pesticide label.
- Recovering of liquids from secondary containment areas will occur promptly or within 72 hours as weather conditions and storage capacity allow.
- Rinseate or contaminated water **SHALL NOT** be applied for weed control to the facility property unless the pesticide is labeled for such use.
- Documentation must be completed any time water is tested and/or pumped to appropriate storage. Documentation shall be kept on file for at least one (1) year.
- Operational pads shall be kept clean and free of standing water or product to prevent tracking of contaminants off of the operational pad.

Dry fertilizer storage and load out areas:

•Dry bulk fertilizer that is discharged onto the containment pad or on the ground during loading, unloading, mixing and handling operations at agronomy facilities shall be promptly recovered.

Pesticide product jugs or containers:

- Jug containers, minibulk containers, etc. will be triple rinsed or pressure rinsed; all rinseate will be collected and used as stated on the label.
- Plastic, paper, or other pesticide containers **SHALL NOT** be burned, buried, or otherwise disposed of off-label. If possible, containers will be reused or disposed of according to regulatory and/or industry standards.

Washing of Vehicles and Equipment:

- All washing of vehicles or spray/application equipment will be done on an impervious surface or in the field. Water and sediments washed down on containment pads are to be collected for use in batch makeup water and/or utilized in an approved manner.
- Application vehicles and equipment parked outdoors after use at each facility must have no residues (containing pesticides and/or fertilizers) which may come into contact with storm water.

Site Planning and Preparation:

- Employees shall be knowledgeable in proper spill response and clean up procedures.
- Materials spills, leaked, or lost on site will be cleaned up promptly. Affected soil and/or water will be recovered and utilized or disposed of in an approved manner. Spills within Reportable Quantities shall be reported to Facility Management and the Safety & Risk Management Department.

Violation of this policy may result in disciplinary action up to and including termination

1200-55000 Sq Ft Containment





Live Stock Lagoons





2002 4 20





Jug Rinse



Triple Rinse and Then What



Winfield United

- Co-Alliance recycled 10,000 Plus pounds in 2017 through Winfield United
- Winfield has processed over 2,000,000 pounds of containers in the last ten years



IBC's/ Mini bulks



Phytoremediation



Fall & Spring



Thank You

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