



**DEVIATION REPORT – FAX NOTIFICATION FORM**  
**Site Identification No. 177802AAA; FESOP Permit No. 03060057**

P.O. Box 227; 4350 West Galena Road; Lena, Illinois 61048  
 Phone 815-369-9173; Fax: 815-369-2043

**Fax to:** IEPA - Division of Air Pollution Control  
 Compliance Enforcement Section (#40) - Springfield  
 Fax: 217-782-6348 (Phone 217-782-2113)

**Fax to:** IEPA Division of Air Pollution -Peoria Field Office  
 309-693-5467 (Phone 309-693-5463)

**Date:** 9-26-2011      **Time:** 11:00 am      **Operator:** Jason Townsend

Federally Enforceable State Operating Permit (FESOP) Condition 3.5 identifies the minimum information required for a deviation report. The information is presented below.

**Emission Unit:** Fermentation Scrubber

**Date:** 9-19-2011      **Start Time:** 7:12 am      **Duration:** 16 minutes

**Description of Deviation:**  
 At 7:12am, the CO2 scrubber discharge pump had to be shut off due to a failed coupler. The operators noticed the level increased rapidly, and upon inspection the coupler was found to be broken. In order to repair the pump, the water flow had to be shut off to prevent overflowing the scrubber.

**Effect of Deviation on Compliance:**  
 During the pump repair, the fermentation exhaust vented through the scrubber with no water flow.

**Estimate of Excess Emissions:**  
 A follow up report will be sent with the estimated emissions from this event.

**Cause of Deviation:**  
 Pump coupler failure. In order to repair the coupler, the water flow had to be stopped to the scrubber for 16 minutes while the pump was locked out and the coupler was replaced.

**Corrective Action or Preventive Action Taken:**  
 After removing the coupler, it was found that the key on the gearbox shaft had sheared off. Due to the wear on the shaft, the hub has been welded to the shaft to prevent any further deviations with this pump. A new gearbox will be installed during fall shutdown.

Written Follow Up Report To Be Issued:  yes  no      **If you have any questions, please call the Adkins Plant Manager Jason Townsend at 815- 369-9173 ext.245.**