

# ADEQ

ARKANSAS  
Department of Environmental Quality

To: Eleanor Goins  
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Through: Tom Rheaume  
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The Air Division reviewed Viskase's request dated October 15, 2013, requesting sales tax exemption. Based on our review, the following items qualify as air pollution control equipment:

1. Source-- SN-04 Lime Silo Baghouse consisting of baghouse, baghouse filters and baghouse leak detectors.
2. Control Device - Large Biofilter consisting of:
  - 3 Large Reactor Towers (approximately 2.0 ft. diameter by 50 ft high)
    - o Each Reactor Tower contains 3 "Media Packs". Media Packs provide surface area for biological activity / sulfide reduction
  - Recirculation Tank and Large Pump
  - Caustic Wash Tank and Large Pump
  - Meters for Constant Monitoring/Readings that measure
    - o Electrical Conductivity
    - o Air Pressure Differential
    - o Temperature
    - o The above meters have to be calibrated by an outside source once/6 months
  - Large Humidifier
  - 3 Large Air Flow Fans and Motors
  - Large Air Flow Duct Work (30" to 60" Diameter)
  - PLC Logic Controls for the Entire Unit (including all associated electrical components, relay switches, computer software, etc.)
  - Various PVC Valves, Flanges, Fittings, and Pumps
  - 1 Large Exhaust Stack approximately 4ft diameter & 70 feet high

The stack for SN-01 is for uncontrolled emissions and does not reduce or treat air pollution.