

Environmental Alert – Fugitive Fly Ash Dust Collector

Fugitive Dust Collector

- Facility has installed and has test run #1 fly ash DC loading a capped CAT 735 dump truck.
- The process went well with good feedback from the operators loading the covered truck.
- Most of the dust was captured by the D/C, the only exception being the air being displaced through the seal along the tail gate of the covered truck.
- The picture is a snap shot of the truck being loaded with fly ash.

Lessons learned

- The dust collector is setup to automatically start the fan, rotary valve, and screw conveyor with the operator starting the screw conveyor under the fly ash bin. The equipment is to stay in operator for 5 minutes after the screw conveyor is shutoff to collect any residual dust.

