



Permit No.	Scan Date	DIN
1910-STRUC-2015	January 7, 2016	25420

RECEIVED
January 7, 2016
Solid Waste Section
Asheville Regional Office

Moncure – Railcar Unloading Operations
and Ash Transportation

Leachate Management

The unloading area will generate leachate (contact water) which will be collected and stored in an underground detention system. This system will be monitored daily by direct manual measuring utilizing a graduated measuring stick. The system will be monitored by Charah’s environmental representative and the unloading area supervisor. The estimated capacity of the detention system is approximately 400,000 gallons. The unloading area leachate will be removed from the detention system by utilizing a portable pumping device. The unloading area leachate will be pumped into a water truck for transportation to the active cell locations for the primary use of fugitive dust control.

As a contingency the unloading area leachate will be pumped via a lay flat pipe/hose to a clean out provided along the structural fill leachate force main. This pipe/hose will be monitored when in operation.

Another use of the unloading area leachate will be for cleaning of the unloading area surface and for fugitive dust control in the unloading area.

The design of the unloading area separates leachate from storm water. Ditch lines are designed to capture storm runoff and direct the flow into provided storm drain structures. The west side is sloped in entirety to the subway cut for collection into the detention system. The east side is divided into two sections. The outer section is sloped to carry storm runoff to the adjacent storm water ditches. The inner section is sloped toward the subway cut allowing collection of into the detention system.

5.0 Environmental Risk and Operational Safety Matrix

In effort to distinguish specific risk for our operations, we have utilized our teams’ resources to determine what risk pose the greatest dangers or will have undesirable impacts to the site. Included with this investigation is information enabling us to prevent or mitigate these potential events.