



AGRICULTURE AND SOLID WASTE COMPLIANCE

State Form 47272 (R3/12-08)
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT

<u>File:</u>	<u>County:</u> Floyd	<u>Type of Report:</u> Construction		
<u>Name of Inspector:</u> Mike Sonnefeld		<u>Date of Inspection:</u> June 19, 2024	<u>Time In:</u> 9:45 am	<u>Time Out:</u> 12:15 pm
<u>Name of Facility:</u> Duke Gallagher CCR			<u>Permit:</u> 22-UP-01	
<u>Mailing Address:</u> 139 E 4 th St Cincinnati, OH 45202		<u>Location:</u> 30 Jackson St New Albany, IN 47150		

I met Don Douglass and Luke Franklin in the construction office where we discussed closure progress of the multiple coal combustion residual (CCR) areas located on the Gallagher property:

1. North Ash Pond Complex (System)

a. North Ash Pond

The pond was closed in place by installing a geomembrane micro drain and an 8 oz./yd² geotextile, cover soils, vegetation and toe of slope perimeter drain.

Completed in 2021.

b. Primary Pond and,

c. Primary Pond Ash Fill

Current activities at both of these ponds include dewatering and placing soil fill.

Installation of a geomembrane/soil cover and slurry wall/barrier wall will occur later.

2. Ash Pond A

The pond is being closed by removal; anticipated completion by the end of September 2024.

All CCR is removed, then an additional 1 ft. of in-situ soil below the CCR is removed. Next, structural fill is placed to achieve final elevation contours followed by a 1½ ft. thick layer of cohesive cover soil plus a ½ ft. thick vegetative.

3. Coal Pile

All stockpiled coal was removed (to bare ground) and visually inspected then graded for drainage. Final grading/seeding will occur after the station is removed.

Work completed in 2022.

4. Coal Pile Ash Fill (lined retention basin (LRB))

All CCR was removed, then an additional 1 ft. of in-situ soil below the CCR was removed. Next, structural fill was placed to form 2 pools for the industrial stormwater pond/LRB. The pond was lined with a geosynthetic clay liner, a geomembrane liner, a geotextile and gravel.

Completed in October 2020.

5. Secondary Ash Pond

All CCR was removed, then an additional 1 ft. of in-situ soil below the CCR was removed. Next, structural fill was placed to achieve final elevation contours followed by a 1½ ft. thick layer of cohesive cover soil plus a ½ ft. thick vegetative.

Completed in late 2016.

See Pictures.

Photo Table



	Number	1
	Description	North Ash Pond South end looking north at vegetation on the covered pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	2
	Description	<u>North Ash Pond</u> SE corner looking west at vegetation on the south edge of the covered pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	3
	Description	North Ash Pond SE corner looking north at vegetation on the east edge of covered pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	4
	Description	<u>Primary Pond</u> Standing off of the north end of pond looking south soil fill placed in the pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	5
	Description	<u>Primary Pond</u> Standing on top of the waste water treatment looking NW at soil fill placed in the pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	6
	Description	Primary Pond Ash Fill Standing on top of the waste water treatment looking west at soil fill placed in the pond.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	7
	Description	Ash Pond A Standing at the SE corner looking NW at structural fill placed in the pond after CCR removed.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	8
	Description	<u>Ash Pond A</u> Standing at the SE corner looking west at structural fill placed in the pond after CCR removed.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	9
	Description	Ash Pond A Standing at the SE corner looking north at structural fill placed in the pond placed in the pond after CCR removed.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	10
	Description	<u>Coal Pile</u> Looking NE at the excavation (from the SW corner) after coal removed.
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	



	Number	10 & 11
	Description	<p><u>11 Coal Pile Ash Fill (LRB)</u> Standing on top of the waste water treatment looking east at the 2 pools.</p> <p><u>10 Secondary Ash Pond</u> North end looking South at the vegetated cover placed after all CCR was removed.</p>
	Photographer	Mike Sonnefeld
	Facility Name	Gallagher CCR
	Photo Date	June 19, 2024
	Others	

