

CCR Impoundment Weekly Inspection

35 ILL. ADM. Code 845 / 40 CFR Part 257

Station: Baldwin Power Plant

Date: 5-31-23

Impoundment Name: Old East Fly Ash Pond

Time: 0800-1100

IEPA Number: W1578510001-01

Inspector(s): JRJ

Sky: pt. cloudy Temp.: 75°F Precip. (last 48 hrs): 0 Pool Elev.: N/A

"YES" responses require description (size, depth, extents, color) and location in "DESCRIPTION" section. "NO" response indicates no issues were observed at the time of inspection. If "ACTION" selected is "INVESTIGATE", please indicate date forwarded via email to Dam Safety Manager (DSM). Attach additional sheets as necessary. Circle General Condition for each section.

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
CREST		☒	General Condition: <u>Good</u> / Fair / Poor			
Cracking		☒				
Settlement		☒				
Erosion Rills		☒				
Animal Burrows		☒				
Misalignment		☒				
Vegetation (greater than 12")	☒		<u>mowing in progress</u>	☒		
UPSTREAM EMBANKMENT		☒	General Condition: <u>Good</u> / Fair / Poor			
Cracking		☒				
Sloughing / Bulging		☒				
Seepage		☒				
Sink Holes		☒				
Animal Burrows		☒				
Erosion Rills		☒				
Slope Protection / Rip Rap		☒				
Vegetation (greater than 12")	☒		<u>mowing in progress</u>	☒		

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
DOWNSTREAM EMBANKMENT	General Condition	Good	Fair / Poor	Repairs	Date	
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Sand Boils (Indicate if flowing and color)		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Vegetation (greater than 12")	✓		mowing in progress			
SPILLWAY(S)	General Condition	Good	Fair / Poor	Repairs	Date	
Actively Flowing (provide depth)		✓				
Obstructions Present		✓				
Seepage		✓				
Sand Boils (Indicate if flowing and color)		✓				
Erosion Rills		✓				

East Rip Rap apron, 3rd apron from SE corner, minor erosion @ tips.
Will monitor.



East Rip Rap apron, 2nd apron from SE corner, minor erosion @ North tip.
Will monitor.



CCR Impoundment Weekly Inspection

35 ILL. ADM. Code 845 / 40 CFR Part 257

Station: Baldwin Power Plant

Date: 5-31-23

Impoundment Name: East Fly Ash Pond

Time: 0800-1100

IEPA Number: W1578510001-02

Inspector(s): [Signature]

Sky pt cloudy Temp.: 75°F

Precip. (last 48 hrs): 0

Pool Elev.: N/A

"YES" responses require description (size, depth, extents, color) and location in "DESCRIPTION" section. "NO" response indicates no issues were observed at the time of inspection. If "ACTION" selected is "INVESTIGATE", please indicate date forwarded via email to Dam Safety Manager (DSM). Attach additional sheets as necessary. Circle General Condition for each section.

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
CREST			General Condition: <u>Good</u> / Fair / Poor			
Cracking		✓				
Settlement		✓				
Erosion Rills		✓				
Animal Burrows		✓				
Misalignment		✓				
Vegetation (greater than 12")	✓		<u>mowing in progress</u>	✓		
UPSTREAM EMBANKMENT			General Condition: <u>Good</u> / Fair / Poor			
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Animal Burrows		✓				
Erosion Rills	✓		<u>Vegetation sparse along N ditch that runs E/W. Seed & Fertilized in February</u>	✓		
Slope Protection / Rip Rap		✓				
Vegetation (greater than 12")	✓		<u>mowing in progress</u>	✓		

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
DOWNSTREAM EMBANKMENT	General Condition: <u>Good</u> / Fair / Poor		Repairs: _____ Date: _____			
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Sand Bolls (indicate if flowing and color)		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Vegetation (greater than 12")	✓		<i>mowing in progress</i>	✓		
SPILLWAY(S)	General Condition: <u>Good</u> / Fair / Poor		Repairs: _____ Date: _____			
Actively Flowing (provide depth)		✓				
Obstructions Present		✓				
Seepage		✓				
Sand Bolls (indicate if flowing and color)		✓				
Erosion Rills	✓		<i>Rip Rap apron @ creek crossing,</i>	✓		

*erosion in grass area after apron.
Repair when weather permits.*

*Minor erosion along North ditch that
runs E/W. Seed and fertilized in February.*

CCR Impoundment Weekly Inspection

35 ILL. ADM. Code 845 / 40 CFR Part 257

Station: Baldwin Power Plant
 Impoundment Name: West Fly Ash Pond
 IEPA Number: W1578510001-03

Date: 5-31-23
 Time: 0800-1100
 Inspector(s): JF

Sky: pt. cloudy Temp.: 75°F Precip. (last 48 hrs): 0 Pool Elev.: N/A

"YES" responses require description (size, depth, extents, color) and location in "DESCRIPTION" section. "NO" response indicates no issues were observed at the time of inspection. If "ACTION" selected is "INVESTIGATE", please indicate date forwarded via email to Dam Safety Manager (DSM). Attach additional sheets as necessary. Circle General Condition for each section.

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
CREST			General Condition: <u>Good</u> / Fair / Poor / Very Poor / Very Poor			
Cracking		✓				
Settlement		✓				
Erosion Rills		✓				
Animal Burrows		✓				
Misalignment		✓				
Vegetation (greater than 12")	✓		<u>mowing in progress</u>	✓		
UPSTREAM EMBANKMENT			General Condition: <u>Good</u> / Fair / Poor / Very Poor / Very Poor			
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Slope Protection / Rip Rap	✓		<u>South rip rap ditch erosion at NE & NW corners. Plan in place for repairs</u>	✓		
Vegetation (greater than 12")	✓		<u>Sparse vegetation along North ditch that runs E/W. Seed & fertilized</u>	✓		

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
DOWNSTREAM EMBANKMENT	General Condition		Good / Fair / Poor	Repairs	Date	
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Sand Boils (indicate if flowing and color)		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Vegetation (greater than 12")	✓		<i>mowing in progress</i>	✓		
SPILLWAY(S)	General Condition		Good / Fair / Poor	Repairs	Date	
Actively Flowing (provide depth)		✓				
Obstructions Present		✓				
Seepage		✓				
Sand Boils (indicate if flowing and color)		✓				
Erosion Rills	✓		<i>North rip rap ditch that runs E/W on south side of ditch has erosion entire length of ditch from lack of vegetation growth. Seed & fertilized in February.</i>	✓		

CCR Impoundment Weekly Inspection

35 ILL. ADM. Code 845 / 40 CFR Part 257

Station: Baldwin Power Plant
 Impoundment Name: Bottom Ash Pond
 IEPA Number: W1578510001-06

Date: 5-31-23
 Time: 0800-1100
 Inspector(s): [Signature]

Sky: pt. cloudy Temp.: 75°F Precip. (last 48 hrs): 0 Pool Elev. 4" above weir

"YES" responses require description (size, depth, extents, color) and location in "DESCRIPTION" section. "NO" response indicates no issues were observed at the time of inspection. If "ACTION" selected is "INVESTIGATE", please indicate date forwarded via email to Dam Safety Manager (DSM). Attach additional sheets as necessary. Circle General Condition for each section.

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
CREST			General Condition (Good / Fair / Poor) Repairs Date			
Cracking		✓				
Settlement		✓				
Erosion Rills		✓				
Animal Burrows		✓				
Misalignment		✓				
Vegetation (greater than 12")	✓		<i>mowing in progress</i>	✓		
UPSTREAM EMBANKMENT			General Condition (Good / Fair / Poor) Repairs Date			
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Slope Protection / Rip Rap		✓				
Vegetation (greater than 12")		✓				

ITEM	YES	NO	DESCRIPTION	ACTION		
				MONITOR	INVESTIGATE	SENT TO DSM
DOWNSTREAM EMBANKMENT	General Condition	Good / Fair / Poor	Repairs	Date		
Cracking		✓				
Sloughing / Bulging		✓				
Seepage		✓				
Sink Holes		✓				
Sand Boils (Indicate If flowing and color)		✓				
Animal Burrows		✓				
Erosion Rills		✓				
Vegetation (greater than 12")	✓		mowing in progress	✓		
SPILLWAY(S)	General Condition	Good / Fair / Poor	Repairs	Date		
Actively Flowing (provide depth)	✓		4" above weir			
Obstructions Present		✓				
Seepage		✓				
Sand Boils (Indicate If flowing and color)		✓				
Erosion Rills		✓				