# Ealdwin Energy Complex Cooling Pond Weekly Inspection Form

Dam Location: Baldwin Eng	ergy Complex; Rai	ndolph County	-
Owner: Dynegy Midwest Ge	neration. LLC		
Permit No.: DS2011079		Intermediale Class I	
Type of Dam: Earthen embar			
Type of Spillway: Concrete s			
	7 ,		
Date Inspected: 5	11-21		
Weather Conditions:	Suny		
Pool Elevation:			
Inspection Personnel:		1	
Name / Title	ab tech	Signature The Signature	
Inspection Item	Conditions	Location of Problem and Recommon Measures and Implementation	mended Remedial on Schedule
Vertical and Horizontal Alignment of Crest	GC		
Unusual Movement or Cracking at or Beyond Toe	NE		
Seepage Seepage	NE		
Vegetative Cover		İ	
1	mm	needs mowed after gos	likes arous
Embankment Erosion	NE	J	J J
Structural Cracking	NE		
Outfall Structures	GC	·	
Other	mm	unat and I also	1 11/2 1/201
ConditionCodes:	,,,,,	needs rock or it will	has cuts/potholes +
NE   No evidence of a problem.			ı
GC   Good condition			
MM Hem needing minor maintenance:	and or repairs within the yea	ar, the safety or integrity of the item is not yet impended	
		afery or integrity. Remediation should be completed a	
EC - J Emergency condition which if not	immediately repaired or oil	ner appropriate measures, tal en could lead to failuit of t	tidan Emergen:

measures to be implemented as instructed by engineering such as problem down or stoppage of downstream wed and married

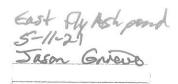
Condition requires regular observation to ensure that the condition does not become worse

1 Not applicable to this dam

Not inspected - that the reason for non inspection).

CH:

N1





	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	GC	
	Riprap	GC	
	Seepage	NE	
	Erosion	NE	
	Filter and Filter Drains	NA	
of Automotive Automotive of Au	Unusual Movement or Cracking At or Beyond Toe	GC	
±	Surface Cracks	NE	
Embankment	Sloughing or Erosion of Outer Embankment Slopes	NE	
Embar	Sloughing or Erosion of Inner Embankment Slopes	NE	
_	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)	GC	
	Animal Damage	NE	
	HDPE Liner	NA	
	Vegetative Cover	mm	needs mowed
	Condition of Piezometers	GC	
	Embankment Drainage Ditches	6C	

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

M = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

MM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.

DB = Condition requires regular observation to ensure that the condition does not become worse.

3C = Good Condition.

NE = No evidence of a problem.

Impoundment

NI = Not Inspected. Reason should be stated in comment

East Fly Ash Pond Page 1 of 3

	Errains/V/ecpt	W	
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Discharge coloration	NA	no discharge
	Seepage	NE	
\ \ \	Alignment	GC	
Spillway	Bridge and Piers	NA	
S	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
tor	Riprap	GC	•
Energy Dissipator	Outlet Channel	6C	
ergy D	Concrete Condition	NA	
둅	Debris	NE	
	Alignment	NA	
cture	Connection to Bollard	NA	
Decant Structure	Debris in Inlets	NA	
Decai	Condition of Pipe (60" culvert)	GC	
	Seepage at Inlet or Outlet	NA	

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IM = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

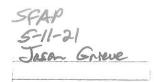
MM = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled

OB = Condition requires regular observation to ensure that the condition does not become worse

GC = Good Condition

NE = No evidence of a problem.

IVI = Not Inspected. Reason should be stated in comment





	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	60	
	Riprap	GC	
	Seepage	NE	
	Erosion	NE	
	Filter and Filter Drains	60	
	Unusual Movement or Cracking At or Beyond Toe	NE	
	Surface Cracks	NE	
Embankment	Sloughing or Erosion of Outer Embankment Slopes	NE	
Embar	Sloughing or Erosion of Inner Embankment Slopes	NE	
_	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)	GC	_ 1 <sub>2</sub> % %
	Animal Damage	NE	
	HDPE Liner	NA	
	Vegetative Cover	mm	needs morved
	Condition of Piezometers	60	÷
trina direkt kalensa mayir khili safaya di Sikil	Embankment Drainage Ditches	60	

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DB = Condition requires regular observation to ensure that the condition does not become worse.

3C = Good Condition.

NE = No evidence of a problem.

YI = Not Inspected. Reason should be stated in comment.

Impoundment

SFAP

D- - - 1 -

	Drains Weeps.	6c	
	Discharge coloration	NA	no discharge
	Seepage	NE	0
>	Alignment	NA	
Spillway	Bridge and Piers	NA	
S	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
tor	Riprap	6c	
Energy Dissipator	Outlet Channel	6C	
ergy D	Concrete Condition	NA	
占	Debris	NE	
	Alignment	6c	
ıcture	Connection to Bollard	NA	
Decant Structure	Debris in Inlets	NE	
Deca	Condition of Pipe	NA	
	Seepage at Inlet or Outlet	NE	

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NE = No evidence of a problem.

\! = Not Inspected. Reason should be stated in comment.

cold?	MOUNTAIN		
20	te-		
Ins	pecto:(s	-/	
1			

	489
Weather	SUMMY
	/

1		The same of the sa	
	Item	Condition	Comments
- 8	Vertical & Horizontal Alignment of Crest	60	
	Riprap	6C	
15	Seepage	NE	
E	Erosion	NE	
F	ilter and Filter Drains	NA	
-	nusual Movement or racking At or Beyond Toe	NI	Area under water
s	urface Cracks	NE	
	loughing or Erosion of uter Embankment Slopes	NE	
	oughing or Erosion of ner Embankment Slopes	NE	
	ostream Face Slope rotection (HDPE Liner)	NA	
	ostream Face Slope otection (Riprap)	BC	
Ar	nimal Damage	NE	
HE	PE Liner	NA	· ·
Ve	getative Cover	mm	needs mouved
Со	ndition of Piezometers	NA	
	nbankment Drainage ches	NA	

Embankment

= Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

- = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.
- = Item needing minor maintenance. The safety or integrity of the Item is not yet imperiled.
- = Condition requires regular observation to ensure that the condition does not become worse.
- = Good Condition.
- = No evidence of a problem.

Not Inspected. Reason should be stated in comment.

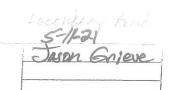
Impoundment Bottom Ash Pond

	Erains/Neaps	3.0	
	Discharge coloration	NI.	No access
	Seepage	NA	
	Alignment	NA	
Spillway	Bridge and Piers	NA	
Ś	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
or	Riprap	NI	No access
Energy Dissipator	Outlet Channel	NI	No access
rgy Di	Concrete Condition	NA	
Ene	Debris	NI	No access
	Alignment	6c	
cture	Connection to Bollard	6c	
Decant Structure	Debris in Inlets	NE	
Decar	Condition of Pipe	6c	
	Seepage at Inlet or Outlet	NE	

C = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

- 1 = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.
- M = Item needing minor maintenance. The safety or integrity of the Item is not yet imperiled.
- B = Condition requires regular observation to ensure that the condition does not become worse.
- C = Good Condition.
- E = No evidence of a problem.
- I = Not Inspected. Reason should be stated in comment.

Produc	1 100			
Desky_	17	4-2-		
1000	Dod	8		
	4.60	9-	 	200



	48°F
Weathe:	Symmy

Item	Condition	Comments
Vertical & Horizontal Alignment of Crest	60	
Riprap	NA	
Seepage	NE	
Erosion	NE	
Filter and Filter Drains	60	
Unusual Movement or Cracking At or Beyond	Toe NI	Area under water
Surface Cracks	NE	
Sloughing or Erosion of Outer Embankment Slop		
Sloughing or Erosion of Inner Embankment Slop		
Upstream Face Slope Protection (HDPE Liner)	NA	* 2 k
Upstream Face Slope Protection (Riprap)	GC	
Animal Damage	NE	
HDPE Liner	NA	
Vegetative Cover	mm	needs mouved
Condition of Piezometers	NA	and the state of t
Embankment Drainage Ditches	NA	

## dition Codes

Embankment

= Emergency Condition. A serious dam	afety condition exists that needs immediate action.	Report immediately to Chief Dam Safet	v Engineer and immediate supervisor
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Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.

- = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.
- = Condition requires regular observation to ensure that the condition does not become worse.
- = Good Condition.
- No evidence of a problem.

Not Inspected. Reason should be stated in comment.

Impoundment	Secondary

Spillway	Drains/Weeps	107	
	Discharge coloration	6C	
	Seepage	NE	
	Alignment	NA	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
Energy Dissipator	Riprap	GC	
	Outlet Channel	NI	Area under water
	Concrete Condition	NA	
	Debris	NE	
Decant Structure	Alignment	GC	%
	Connection to Bollard	NA	
	Debris in Inlets	ME	
	Condition of Pipe	6c	
	Seepage at Inlet or Outlet	NE	

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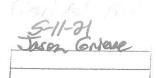
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3 = Condition requires regular observation to ensure that the condition does not become worse.

C = Good Condition.

E = No evidence of a problem.

= Not Inspected. Reason should be stated in comment.





	Item	Condition	Comments
	Vertical & Horizontal Alignment of Crest	GC	
	Riprap	GC	
	Seepage	NE	
	Erosion	NE	
	Filter and Filter Drains	60	
100	Unusual Movement or Cracking At or Beyond Toe	NI	Area under water
÷.	Surface Cracks	NE	
Embankment	Sloughing or Erosion of Outer Embankment Slopes	NE	
Embai	Sloughing or Erosion of Inner Embankment Slopes	NE	
	Upstream Face Slope Protection (HDPE Liner)	NA	
	Upstream Face Slope Protection (Riprap)	GC	
	Animal Damage	NE	
	HDPE Liner	NA	
	Vegetative Cover	mm	needs moused
	Condition of Piezometers	NA	
	Embankment Drainage Ditches	NA	

#### idition Codes

- = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor
- ltem needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.
- = Item needing minor maintenance. The safety or integrity of the item is not yet imperiled.
- = Condilion requires regular observation to ensure that the condition does not become worse.
- = Good Condition.
- = No evidence of a problem.
- Not Inspected. Reason should be stated in comment.

Impoundment	Final Ash Pond

	Lita me/liveeps	GC	
Spillway	Discharge coloration	6C	
	Seepage	NE	
	Alignment	GC	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NE	
	Stop Logs	NA	
10.	Riprap	NA	
Energy Dissipator	Outlet Channel	GC	
	Concrete Condition	NA	1 Ag
	Debris	NE	
Decant Structure	Alignment	Go	
	Connection to Bollard	NA	1
	Debris in Inlets	NE	
	Condition of Pipe	GC	
	Seepage at Inlet or Outlet	NE	

D = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor

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