

Improvement

East Fly Ash Pond

Inspector(s)

4-21-21  
Daryl Luchter

Weather

52°

cloudy

W1578510001-01

Embankment

Item	Condition	Comments
Vertical & Horizontal Alignment of Crest	GC	
Riprap	GC	
Seepage	NE	
Erosion	NE	
Filter and Filter Drains	NA	
Unusual Movement or Cracking At or Beyond Toe	NE	
Surface Cracks	NE	
Sloughing or Erosion of Outer Embankment Slopes	NE	
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	GC	needs mowed
Condition of Piezometers	GC	
Embankment Drainage Ditches	GC	

Condition Codes

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

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.

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

Spillway	Drains/Weeps	NA	
	Discharge coloration	NA	
	Seepage	NE	
	Alignment	GC	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
Energy Dissipator	Riprap	GC	
	Outlet Channel	GC	
	Concrete Condition	NA	
	Debris	NE	
Decant Structure	Alignment	NA	
	Connection to Bollard	NA	
	Debris in Inlets	NA	
	Condition of Pipe (60" culvert)	GC	
	Seepage at Inlet or Outlet	NA	

Condition Codes

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor
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.
NI = Not Inspected. Reason should be stated in comment

Impoundment

SFAP

4-21-21

Amplified by [signature]

Inspector(s):  
W1578510001-02  
W1578510001-03

Weather: 52°  
Cloudy

	Item	Condition	Comments
Embankment	Vertical & Horizontal Alignment of Crest	GC	
	Riprap	GC	
	Seepage	NE	
	Erosion	NE	
	Filter and Filter Drains	GC	
	Unusual Movement or Cracking At or Beyond Toe	NE	
	Surface Cracks	NE	
	Sloughing or Erosion of Outer Embankment Slopes	NE	
	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	GC	needs mowed
Condition of Piezometers	GC		
Embankment Drainage Ditches	GC		

Condition Codes

- EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor
- 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.
- NI = Not Inspected. Reason should be stated in comment.

Spillway	Drains/Weeps	GC	
	Discharge coloration	NA	no discharge
	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	GC	
	Concrete Condition	NA	
	Debris	NE	
Decant Structure	Alignment	GC	
	Connection to Bollard	NA	
	Debris In Inlets	NE	
	Condition of Pipe	NA	
	Seepage at Inlet or Outlet	NE	

Condition Codes

EC = Emergency Condition. A serious dam safety condition exists that needs immediate action. Report immediately to Chief Dam Safety Engineer and immediate supervisor
IM = Item needing immediate maintenance to restore or ensure its safety or integrity. Remediation should be completed within 1 month.
NM = 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.
NI = Not Inspected. Reason should be stated in comment.

Impoundment  
Date

Bottom Ash Pond  
4-21-71

Temperature

52°

Inspector(s)

Angelina Schmitt

Weather

cloudy

W1578510001-00

Item	Condition	Comments
Vertical & Horizontal Alignment of Crest	GC	
Riprap	GC	
Seepage	NE	
Erosion	NE	
Filter and Filter Drains	NA	
Unusual Movement or Cracking At or Beyond Toe	NI	Area under water
Surface Cracks	NE	
Sloughing or Erosion of Outer Embankment Slopes	NE	
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	GC	needs mowed
Condition of Piezometers	NA	
Embankment Drainage Ditches	NA	

Condition Codes

= 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

Spillway	Drains/Weeps	NA	
	Discharge coloration	NI	No access
	Seepage	NA	
	Alignment	NA	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
Energy Dissipator	Riprap	NI	No access
	Outlet Channel	NI	No access
	Concrete Condition	NA	
	Debris	NI	No access
Decant Structure	Alignment	GC	
	Connection to Bollard	GC	
	Debris in Inlets	NE	
	Condition of Pipe	GC	
	Seepage at Inlet or Outlet	NE	

**Condition Codes**

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.

GC = Good Condition.

NE = No evidence of a problem.

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