

W1578SI0001-01

East Fly Ash pond  
5-19-21  
John Grieve

Weather: Sunny  
70°F

Item	Condition	Comments	
Vertical & Horizontal Alignment of Crest	NI	not inspected too wet	
Riprap	↓		
Seepage			
Erosion			
Filter and Filter Drains		NA	
Unusual Movement or Cracking At or Beyond Toe			
Surface Cracks			
Sloughing or Erosion of Outer Embankment Slopes			
Sloughing or Erosion of Inner Embankment Slopes			
Upstream Face Slope Protection (HDPE Liner)		NA	
Upstream Face Slope Protection (Riprap)			
Animal Damage			
HDPE Liner		NA	
Vegetative Cover			
Condition of Piezometers			
Embankment Drainage Ditches			

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.

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

<b>Condition Codes</b>
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

W1578510001-02

W1578510001-03

SFAP  
5-19-21  
Jason Greene

70°F  
Sunny

Embankment

Item	Condition	Comments
Vertical & Horizontal Alignment of Crest	NI	too wet
Riprap		
Seepage		
Erosion		
Filter and Filter Drains		
Unusual Movement or Cracking At or Beyond Toe		
Surface Cracks		
Sloughing or Erosion of Outer Embankment Slopes		
Sloughing or Erosion of Inner Embankment Slopes		
Upstream Face Slope Protection (HDPE Liner)	NA	
Upstream Face Slope Protection (Riprap)		
Animal Damage		
HDPE Liner	NA	
Vegetative Cover		
Condition of Piezometers		
Embankment Drainage Ditches		

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.
- 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	NI	too wet
	Discharge coloration		
	Seepage		
	Alignment	NA	
	Bridge and Piers	NA	
	Fencing	NA	
	Construction Joints	NA	
	Trash Racks	NA	
	Differential Settlement	NA	
	Stop Logs	NA	
Energy Dissipator	Riprap		
	Outlet Channel		
	Concrete Condition	NA	
	Debris		
Decant Structure	Alignment		
	Connection to Bollard	NA	
	Debris in Inlets		
	Condition of Pipe	NA	
	Seepage at Inlet or Outlet		

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  
Lake

Bottom Ash Pond  
5-19-21

Inspector(s)	Jason Griener
W1578510001-06	

Weather	70°F Sunny
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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	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	mm	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.

Spillway

Drains/Weeps	NI	
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**

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

I = 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.