

Improvement
WGS7851001-01

East Fly Ash pond
Jason Grievé

5-5-21
Weather Sunny, calm
60°F

	Item	Condition	Comments
Embankment	Vertical & Horizontal Alignment of Crest	NI	too wet & muddy
	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.
- 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	too wet + muddy
	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	

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

5-5-21

W1578510001-02

Jason Griever

WSPDC

Sunny/calm
60°F

W1578510001-03

Embankment

Item	Condition	Comments
Vertical & Horizontal Alignment of Crest	NI	too wet/muddy
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.

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	NE	too wet / muddy
	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.

NIM = 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
Dike

Bottom Ash Pond
5-5-21

Inspector(s)	Jason Grieve
W/578510001-06	

Weather	5-5-21 Sunny/Calin 60°F
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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.
- G = Good Condition.
- E = No evidence of a problem.
- I = Not Inspected. Reason should be stated in comment.