

Corrective Measures to Address Deficiencies Noted in the Coal Combustion Residuals Units Annual Inspection Report

**(Annual inspection covering the period from December 16, 2016 – December 12,
2017)**

As promulgated in Title 40 of the Code of Federal Regulations, Part 257.107(g)(6), Gainesville Regional Utilities (GRU) is required to post documentation detailing the corrective measures taken to remedy the deficiencies noted in annual inspections on a publicly accessible internet site. Table 1 summarizes the efforts taken by GRU to address each of the deficiencies noted in the 2017 annual inspection. As available, documents which provide additional detail on the dates and actions taken to address the deficiencies are included in a series of attachments; Table 1 shows which attachment corresponds to each deficiency corrective measure.

Table 1. Remedies Taken to Address Deficiencies Noted in the 2017 CCR Units Annual Inspection Report

CCR Unit	Location	Previous Condition	Remedy Action	Attach.	Date of Remedy Completion
Surface Impoundment System	Western and Northern Internal Corners of Ash Cell #1, Northern Internal Corner of Ash Cell #2	Erosion and Unarmored Slopes	Erosion repaired, slopes re-armored	A	3/8/2018
	External Slope of Ash Cell #2, Southwest External Slope of Pump Back #1, Near Light Post on Southeast External Slope Between Pump Back Ponds	Animal Forage Holes (x3)	Holes Inspected, Filled and Packed with Soil	B	1/5/2018
	Southern-most Splash Block in Ash Cell #2	Erosion and Undercutting of Base Layer	Void space filled with flowable concrete	C	3/7/2018
Landfill	Middle Section of Northern Drainage Ditch	Sediment Accumulation	Sediment Removed	D	3/8/2018
	South Side of Cell 2/Cell 3 Access Ramp	Erosion	Erosion repaired, area regraded for drainage	-	2/23/2018
	Western Side of Cell 1	Improper Surface Drainage Path and Erosion	Erosion repaired, area filled in	-	2/20/2018
	Southern Section of Cell 4 Basin	Ponding	Area filled in and graded for drainage	-	5/25/2018
	Southern Exterior Side Slope	Animal Burrows/ Forage Holes (x2)	Holes Inspected, Filled and Packed with Soil	-	2/16/2018

ATTACHMENT A

Work Order	87378 (DH) Ash Cells 1&2 Corners need to be repaired	Scheduled Start Date	12/22/2017
Status	CLOSED	WO Type	CM
Parent Work Order		Class	
Department	FAC FACILITIES	Priority	P3
PM Code		Warranty	N
Cost Code		Safety	N
Problem Code		Equip Criticality	
Reported By	PPMATSUP POWER PLANT MATERIALS SUPERVISOR	Assigned To	FOWLERJN
Project		Assigned By	SWEATD
Standard WO			
Equipment	A00040 (DH) PROCESS WATER PONDS, ALL		
Location			
Equipment Manufacturer		Estimated Hours	36
Equipment Model			
Equipment Serial Number			
Date Started	01/30/2018	Date Completed	03/08/2018

Equipment User Defined Fields

Work Order Comments

FOWLERJN [12/22/2017 10:49]:

The North East and West corners of Ash Cell #1 need to be repaired due to the Vac truck dumping in them. The Northeast corner of Ash Cell #2 needs to be repaired as well for the same reason.

WHITERA [02/01/2018 08:15]:

ON 1/30/2018 ORDERED 3 LOADS OF RIP-RAP TO INSTALL ON BERM IN CORNERS OF ASH CELLS.

WHITERA [02/01/2018 08:14]:

ON 1/30/2018 WORKED ON CORNERS OF ASH CELLS. HAD TO ORDER MORE RIP-RAP.

Activities

Activity	Trade	Est. Hours	People Req.	Task	Description
10	C/A	36	1		

ATTACHMENT B



Pump Back Pond Weekly Inspection Form

Inspector's Name: **Gale Fillinger**

Date: **1/8/18** Time: **15:25**

Pump Back Pond ID:		# 1			
Pump Back Pond water elevation (ft NGVD 29): 183.4					
<i>Check the appropriate column (Yes/No) below. Any line item checked as "Yes" should be further explained in the inspector notes section referring to the pump back pond ID and line item number. Any unusual condition should be addressed in the supervisor comments section with notes on the action(s) that will be taken to address the condition.</i>					
	Yes	No		Yes	No
1		✓	8	Any visible cracks (transverse, longitudinal, or desiccation) on slopes?	✓
2		✓	9	Any animal burrows on the side slopes?	✓
3		✓	10	Any boils or excessive, turbid, or sediment-laden seepage?	✓
4		✓	11	Abnormal discoloration/ foaming in water?	✓
5		✓	12	Are sediments/debris floating in water?	✓
6		✓	13	Any other unusual condition?	✓
7		✓			

Pump Back Pond ID:		# 2			
Pump Back Pond water elevation (ft NGVD 29): 183.4					
<i>Check the appropriate column (Yes/No) below. Any line item checked as "Yes" should be further explained in the inspector notes section referring to the pump back pond ID and line item number. Any unusual condition should be addressed in the supervisor comments section with notes on the action(s) that will be taken to address the condition.</i>					
	Yes	No		Yes	No
1		✓	8	Any visible cracks (transverse, longitudinal, or desiccation) on slopes?	✓
2		✓	9	Any animal burrows on the side slopes?	✓
3		✓	10	Any boils or excessive, turbid, or sediment-laden seepage?	✓
4		✓	11	Abnormal discoloration/ foaming in water?	✓
5		✓	12	Are sediments/debris floating in water?	✓
6		✓	13	Any other unusual condition?	✓
7		✓			



Pump Back Pond Weekly Inspection Form

Inspector Notes	
Pump Back Pond Name and ID, Line Item #	Note


Inspector Signature

Supervisor Comments		
Pump Back Pond Name and ID, Line Item #	Comment	Estimated Date of Repair/Action
Pond # 1, Item # 9	Animal hole was filled in 1/5/2018	


Supervisor Signature

ATTACHMENT C

Work Order	87373 (DH) Ash Cell 2 south Crookneck Undermining	Scheduled Start Date	12/22/2017
Status	CLOSED	WO Type	CM
Parent Work Order		Class	
Department	FAC FACILITIES	Priority	P3
PM Code		Warranty	N
Cost Code		Safety	N
Problem Code		Equip Criticality	
Reported By	PPMATSUP POWER PLANT MATERIALS SUPERVISOR	Assigned To	BOGGSSP
Project		Assigned By	SWEATD
Standard WO			
Equipment	A00040 (DH) PROCESS WATER PONDS, ALL		
Location		Estimated Hours	36
Equipment Manufacturer			
Equipment Model			
Equipment Serial Number			
Date Started		Date Completed	03/07/2018

Equipment User Defined Fields

Work Order Comments

FOWLERJN [12/22/2017 10:47]:
 The South Crookneck on Ash Cell #2 has a hole in the asphalt on the west side of it. The Crookneck looks to be undermined by the water coming off the asphalt road. Please look into this and fill the hole with material.

Activities

Activity	Trade	Est. Hours	People Req.	Task	Description
10	FAC	36	1		

ATTACHMENT D

Work Order	89830 (DH) Excavate Fly Ash Canal	Scheduled Start Date	02/19/2018
Status	CLOSED	WO Type	CM
Parent Work Order		Class	
Department	CA COAL/ASH	Priority	P3
PM Code		Warranty	N
Cost Code		Safety	N
Problem Code		Equip Criticality	
Reported By	PPMATSUP POWER PLANT MATERIALS SUPERVISOR	Assigned To	CA OPERATOR
Project		Assigned By	PPMATSUP
Standard WO			
Equipment	LANDFILLS (DH) LANDFILLS	Estimated Hours	80
Location			
Equipment Manufacturer			
Equipment Model			
Equipment Serial Number			
Date Started	02/19/2018	Date Completed	03/08/2018

Equipment User Defined Fields

Work Order Comments

FOWLERJN [02/15/2018 09:13]:

The Fly Ash Canal needs to excavated and cleaned out. Accumulated sediment has been identified in the annual inspection and weekly inspections of the CCR landfill

WHITERA [02/20/2018 15:20]:

ON 2/19/2018 AND 2/20/2018 WORKED ON DREDGING FLYASH CANAL.

KEYRD [02/23/2018 07:46]:

ON 02/21/18-02/23/18 FACILITIES WORKED ON DIGGING OUT CANAL AND CLEANING EQUIPMENT

Activities

Activity	Trade	Est. Hours	People Req.	Task	Description
10	C/A	80	2		