



Bottom Ash Ponds 2024 Annual Dam and Dike Inspection Report

H.W. Pirkey Power Plant, Hallsville, Texas

Submitted to:

American Electric Power Service Corporation
1 Riverside Plaza
Columbus, OH 43215

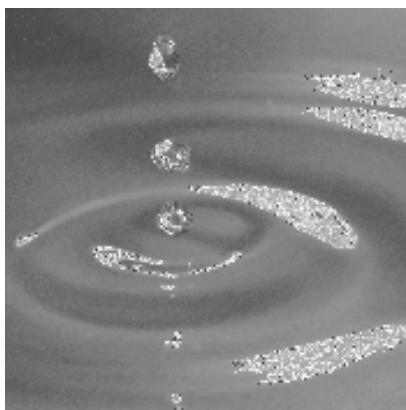
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July 8, 2024

Project 2305686

AEP Document ID: GEVR-24-001



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Water Resources Practice Lead

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Senior Consultant

2024 Annual Inspection Report



**Bottom Ash Ponds
Pirkey Power Plant
AEP Document ID: GEVR-24-001**

A handwritten signature in blue ink that reads "Noelle Gaspard".

Signature

Noelle Gaspard, PE
Water Resources Practice Lead
GEI Consultants, Inc.

July 8, 2024

Date



I certify, to the best of my knowledge, that the information provided in this report satisfies the requirements of 40 CFR 257.84(b).

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1. Introduction

GEI Consultants, Inc. (GEI) was retained by AEP to implement the 2024 Dam and Dike Inspection and Maintenance Program at AEP facilities and to provide the H.W. Pirkey Plant with an evaluation of the Bottom Ash Pond facilities to fulfill requirements of 30 TAC 352.841 (40 CFR 257.84). As part of the evaluation, GEI's Pedro Amaya, PE and Aria Fathi, PE performed the 2024 inspection of the Bottom Ash Ponds facilities. Mr. W. Greg Carter PE of AEP's Regional Engineering participated in the inspection and provided contextual background. This report was prepared by Pedro Amaya, PE and Jeff Piaskowski, PE of GEI and serves as a summary of the inspection and an assessment of the general conditions of the facility.

The inspection was performed on March 20, 2024. Weather conditions were mostly cloudy, visibility was good with temperatures approximately 70 degrees Fahrenheit. There was 1.25 inches of recorded rainfall over the seven days prior to the inspection and no rainfall was recorded on the day of inspection.

The AEP H.W. Pirkey Plant is in southern Harrison County, approximately 5 miles southeast of Hallsville, Texas, and approximately 8 miles southwest of Marshall, Texas as shown in Figure 1 – Site Location Map. The facility arrangement is provided on Figure 2 – Facility Plan. This report contains the inspection findings, observations, photographic descriptions, conclusions, and maintenance recommendations. Details of the visual inspection are presented below. Photographs taken during the inspection are included in Appendix A - Photolog. Each photograph that was captured during the inspection was tagged as either a general site observation, item to be monitored, or as an item to be addressed. The site observations are presented on Figure 3 – Site Plan, Figure 4 – Items to be Monitored, and Figure 5 – Items to be Addressed.

2. Description of Impoundments

2.1 East Bottom Ash Pond

The East Bottom Ash Pond (EBAP) CCR unit is located at the north end of the Plant and approximately 2,000 feet north-northwest of Brandy Branch Reservoir. The EBAP was a partially incised pond below the existing natural ground surface with an embankment height of approximately 4 feet. The EBAP embankments were constructed of compacted clay on a 3:1 (horizontal:vertical) slope. The EBAP was certified closed by removal of CCR in 2023. Significant portions of the EBAP embankments have been removed and drainage systems are in place that precluded the EBAP from impounding water. The site was seeded and vegetation is in the process of being established within the footprint of the EBAP.

2.2 West Bottom Ash Pond

The West Bottom Ash Pond (WBAP) CCR unit is located at the north end of the Plant and approximately 3,000 feet northwest of Brandy Branch Reservoir. The WBAP embankments had a maximum height of approximately 25 feet and were constructed of compacted clay on a slope ranging from 2.5:1 to 3:1. The elevation at the top of the embankment around the perimeter of the WBAP was approximately 357 feet above msl. The WBAP was certified closed by removal of CCR in 2022. Drainage systems are in place within the WBAP that precluded the WBAP from impounding water. Vegetation was established within the footprint of the WBAP at the time of the inspection.

3. Review of Available Information (257.83(b)(1)(i))

A review of available information regarding the status and condition of the CCR Ponds, which include files available in the CCR operating record, such as design and construction information, periodic structural stability assessments, previous 7-day inspection reports, 30-day instrumentation data, and previous annual inspections has been conducted. Based on this visual inspection and the review of the data there were no signs of actual or potential structural integrity issues or adverse conditions.

4. Changes in Geometry Since Last Information (257.83(b)(2)(i))

No changes in unit geometry were made since the 2023 Annual Inspection. The West Bottom Ash Pond and the East Bottom Ash Pond are currently undergoing ground water monitoring to achieve closure.

5. Changes that Effect Stability or Operation (257.83(b)(2)(vii))

The closure-by-removal activities do not negatively affect the stability since both ponds will no longer be operable as they cannot impound water. AEP will continue monitoring the vegetation being established in the EBAP and WBAP footprints in the short term until the area can be repurposed.

6. Impoundment Characteristics (257.83(b)(2)(iii, iv, v))

6.1 East Bottom Ash Pond

Table 1 is a summary of the minimum, maximum, and present depth and elevation of the impounded water and CCR material since the previous annual inspection; the storage capacity of the impounding structure at the time of the inspection; and the approximate volume of the impounded water at the time of the inspection.

Table 1: Summary of Relevant Storage Information for East Bottom Ash Pond

	East Bottom Ash Pond
Approximate Minimum depth of impounded water since last annual inspection	0.0 ft
Approximate Maximum depth of impounded water since last annual inspection	0.0 ft
Approximate Present depth of impounded water at the time of the inspection	0.0 ft
Approximate Minimum depth of CCR since last annual inspection	0.0 ft
Approximate Maximum depth of CCR since last annual inspection	0.0 ft
Approximate Present depth of CCR at the time of the inspection	0.0 ft
Storage Capacity of impounding structure at the time of the inspection	0 acre-ft
Approximate volume of impounded water at the time of the inspection	0.0 Gallons
Approximate volume of CCR at the time of the inspection	0.0 c.y.

6.2 West Bottom Ash Pond

Table 2 is a summary of the minimum, maximum, and present depth and elevation of the impounded water and CCR material since the previous annual inspection; the storage capacity of the impounding structure at the time of the inspection; and the approximate volume of the impounded water at the time of the inspection.

Table 2: Summary of Relevant Storage Information for West Bottom Ash Pond

	West Bottom Ash Pond
Approximate Minimum depth of impounded water since last annual inspection	0.0 ft
Approximate Maximum depth of impounded water since last annual inspection	0.0 ft
Approximate Present depth of impounded water at the time of the inspection	0.0 ft
Approximate Minimum depth of CCR since last annual inspection	0.0 ft
Approximate Maximum depth of CCR since last annual inspection	0.0 ft
Approximate Present depth of CCR at the time of the inspection	0.0 ft
Storage Capacity of impounding structure at the time of the inspection	0 acre-ft
Approximate volume of impounded water at the time of the inspection	0.0 Gallons
Approximate volume of CCR at the time of the inspection	0.0 c.y.

7. Inspection (257.83(b)(1)(ii))

7.1 General

The summary of the visual observations uses terms to describe the general appearance or condition of an observed item, activity or structure. Their meaning is understood as follows:

Good: A condition or activity that is generally better or slightly better than what is minimally expected or anticipated from a design or maintenance point of view.

Fair or Satisfactory: A condition or activity that generally meets what is minimally expected or anticipated from a design or maintenance point of view.

Poor: A condition or activity that is generally below what is minimally expected or anticipated from a design or maintenance point of view.

Minor: A reference to an observed item (e.g., erosion, seepage, vegetation, etc.) where the current maintenance condition is below what is normal or desired, but which is not currently causing concern from a structure safety or stability point of view.

Significant: A reference to an observed item (e.g. erosion, seepage, vegetation, etc.) where the current maintenance program has neglected to improve the condition. Usually, conditions that have been previously identified in the previous inspections, but have not yet been corrected.

Excessive: A reference to an observed item (e.g., erosion, seepage, vegetation, etc.) where the current maintenance condition is below or worse than what is normal or desired, and which may have affected the ability of the observer to properly evaluate the structure or particular area being observed or which may be a concern from a structure safety or stability point of view.

This document also uses the definition of a “deficiency” as referenced in the CCR rule section §257.83(b)(5) Inspection Requirements for CCR Surface Impoundments. This definition has been assembled using the CCR rule preamble as well as guidance from MSHA, “Qualifications for Impoundment Inspection” CI-31, 2004. These guidance documents further elaborate on the definition of deficiency. Items not defined by deficiency are considered maintenance or items to be monitored.

In addition, a “deficiency” is some evidence that a dam has developed a problem that could impact the structural integrity of the dam. There are four general categories of deficiencies. These four categories are described below:

- Uncontrolled Seepage
 - Uncontrolled seepage is seepage that is not behaving as the design engineer has intended. An example of uncontrolled seepage is seepage that comes through or around the embankment and is not picked up and safely carried off by a drain. Seepage that is collected by a drain can still be uncontrolled if it is not safely collected and transported, such as seepage that is not clear. Seepage that is unable to be measured and/or observe it is considered uncontrolled seepage. [Wet or soft areas are not considered as uncontrolled seepage, but can lead to this type of deficiency. These areas should be monitored frequently.]
- Displacement:
 - Displacement of the embankment is large scale movement of part of the dam. Common signs of displacement are cracks, scarps, bulges, depressions, sinkholes and slides.
- Blockage of Control Features:
 - Blockage of Control Features is the restriction of flow at spillways, decant or pipe spillways, or drains.
- Erosion:
 - Erosion is the gradual movement of surface material by water, wind or ice. Erosion is considered a deficiency when it is more than a minor routine maintenance item.

7.2 Visual Inspection (257.83(b)(2)(i))

A visual inspection of the CCR Ponds Complex was conducted to identify any signs of distress or malfunction of the impoundment and appurtenant structures. Specific items inspected included all structural elements of the dams such as upstream and downstream slopes, crest, and toe.

7.2.1 East Bottom Ash Pond General Observations and Maintenance Considerations

The EBAP was closed-by-removal of the CCR materials. In general, the crest, interior and exterior slopes of the remaining sections of the dike appear to be in satisfactory and stable condition. No significant settlement or misalignment was observed. Seeps were not observed during the inspection. No animal burrows or activity were observed during the inspection.

1. The south side appeared in good condition without any visual signs of settlement, misalignment and cracking observed. Areas of the embankment have been removed as part of the closure-by-removal activities.
2. Overall, the north dike is in good and stable condition. There were no visual signs of settlement, misalignment, and cracking.
3. The general condition of the slopes, and the crest of the west dike of the bottom ash pond appeared in satisfactory and stable condition. There were some minor erosion rills on the slope but no visual signs of settlement, misalignment, or sloughing.
4. The overflow discharge structure had been modified due to pond closure design, but the walkway, railings, metal decking, and visible concrete were found to be in satisfactory condition.
5. Overall, the closed CCR Unit is in good condition, without the ability to impound water.

7.2.2 West Bottom Ash Pond General Observations and Maintenance Considerations

The WBAP has been closed by removal. In general, the crest, interior and exterior slopes of the remaining sections of the dike appear to be in satisfactory and stable condition. No significant settlement or misalignment was observed. Seeps were not observed during the inspection. No animal burrows or activity were observed during the inspection.

1. The crest, interior and exterior slopes of the dike appear to be in satisfactory and stable condition.
2. The excavation and removal of a part of the southern berm, part of the closure design, had been completed.
3. No significant settlement or misalignment was observed. Seeps were not observed during the inspection. No animal burrows were observed during the inspection.
4. Discharge structures were installed in general accordance with the pond closure design.

5. Overall, the closed CCR Unit is in good condition, without ability to impound water.

7.2.3 Secondary Ash Pond

Secondary Bottom Ash Pond is incised in the southwest corner of the EBAP. Overall condition of this appeared in good and stable, and functional condition.

Overall, the unit is in good condition. The remaining portions of the dikes exhibit no visual signs of potential structural weakness or conditions which may be disrupting to the closure work.

7.3 Instrumentation (257.83(b)(2)(ii))

The monitoring instrumentation for the WBAP include open pipe type piezometers (PK-W1 and PK-W3). The piezometers are located at the crest areas and are flush mount design. There is no monitoring instrumentation for the EBAP.

The minimum and maximum historical piezometric water elevation data is provided below. Because the WBAP can no longer impound water, the readings in the piezometers W-1 and W-3 are consistently reported as at the same level 323.88 and 318.67, respectively.

Pond Name	Crest Elevation (msl)	Boring/Piezometer	Min/Max/Present WSEL (msl)
WBAP	357.0	PK-W1	323.88/323.88/ NA
WBAP	357.0	PK-W3	318.67/318.67/ NA

8. Summary of Findings

Based on the visual observations during the inspection, the remaining sections of the dam, existing and newly installed appurtenances are generally in good condition. Specific conclusions related to this inspection include:

- There is no visual evidence of distress that would indicate the possibility of sliding, slope instability, settlement, misalignment or cracking of the bottom ash pond embankments.
- The EBAP and WBAP no longer have the ability to impound water. Any rainstorm runoff will flow out the newly installed drainage systems.
- CCR has been successfully removed from WBAP and EBAP and their closure status is pending the groundwater monitoring results.

8.1 General Maintenance Considerations

Not applicable.

8.2 Items to be Monitored

- Item 3 – Monitor the rut for concentrated flow and additional erosion. Address as needed.
- Item 12 – Monitor the area for vegetation establishment / erosion. Address as needed.
- Item 23 – Monitor culvert outlet for build up of sediment. Address as needed.

8.3 Items to be Addressed

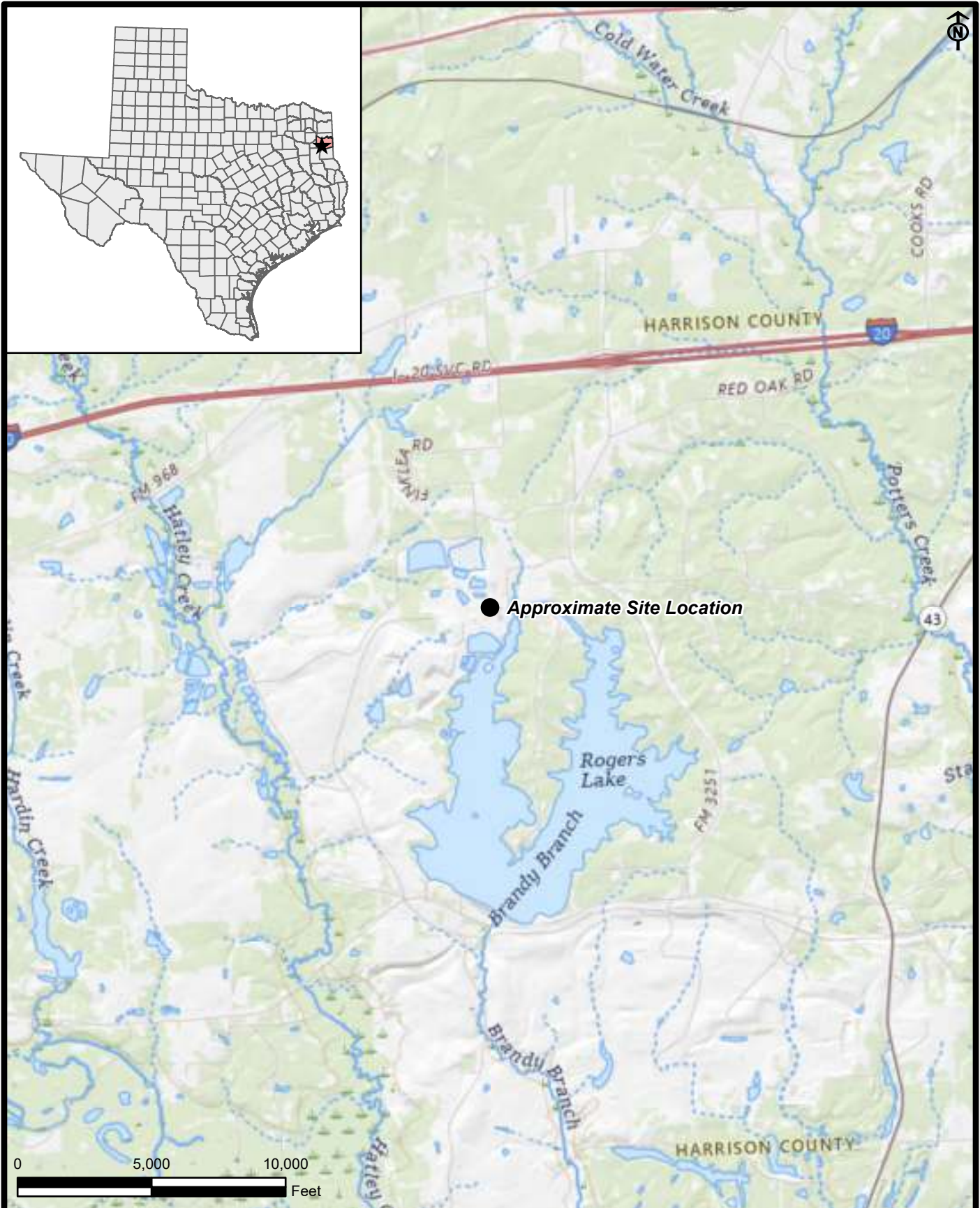
- Item 19 – Significant Erosion to be addressed. Vegetation sparse. Regrade area and re-establish vegetation.

8.4 Deficiencies (257.83(b)(2)(i))

There were no deficiencies or signs of structural integrity issues or disruptive conditions that were observed at the time of the inspection that would require additional investigation or remedial action.

If you have any questions with regard to this report, please contact AEP-Geotechnical Engineering Shah Baig (Phone: 614-716-2241, email: sbaig@aep.com) or Bryan Brunton (Phone: 614-477-2659, email: bwbrunton@aep.com)

Figure 1 – Site Location Map



2024 Bottom Ash Complex Inspection Report
 Pirkey Power Plant
 Hallsville, Texas

American Electric Power Service Corporation
 Columbus, OH 43215



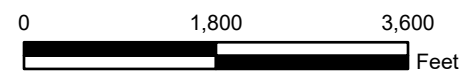
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SITE LOCATION MAP

May 2024

Fig. 1

Figure 2 – Facility Plan



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FACILITY PLAN

Project 2305686

May 2024

Fig. 2

Path: G:\Work\AEP\2305686_2024 Dam & Landfill Field Insp\08_GIS\ArcGIS_Pro\2305686_2024 Dam & Landfill Field Insp.aprx

Figure 3 – Site Plan

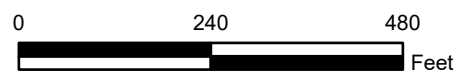


LEGEND:

- General Observation
- Monitor
- Repair

NOTES:

1. Aerial image obtained from USDA NAIP. Image captured spring of 2021.
2. Points shown represent site conditions during time of inspection. Conditions may change overtime, accuracy is not guaranteed. Map should not be used for measurement.



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Project 2305686 July 2024

SITE PLAN

Fig. 3

Figure 4 – Items to be Monitored

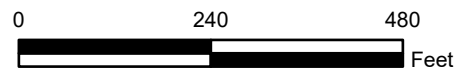


LEGEND:

● Monitor

NOTES:

1. Aerial image obtained from USDA NAIP. Image captured spring of 2021.
2. Points shown represent site conditions during time of inspection. Conditions may change overtime, accuracy is not guaranteed. Map should not be used for measurement.



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 Pirkey Power Plant
 Hallsville, Texas

American Electric Power Service Corporation
 Columbus, OH 43215



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ITEMS TO BE MONITORED

May 2024

Fig. 4

Figure 5 – Items to be Addressed

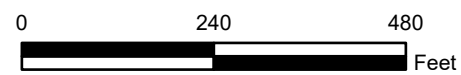


LEGEND:

● Repair

NOTES:

1. Aerial image obtained from USDA NAIP. Image captured spring of 2021.
2. Points shown represent site conditions during time of inspection. Conditions may change overtime, accuracy is not guaranteed. Map should not be used for measurement.



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ITEMS TO BE ADDRESSED

May 2024



Fig. 5

Appendix A - Photolog

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH NO: 1	DATE: March 20, 2024 2:53 PM	LATITUDE: 32.46853639	LONGITUDE: -94.48989668
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: West area, Upstream Slope of Original Dam. Looking West. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH NO: 2	DATE: March 20, 2024 2:55 PM	LATITUDE: 32.4685917236073	LONGITUDE: -94.4897559709474
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: East area, Crest. Looking South. General Photo, Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH NO: 3	DATE: March 20, 2024 2:53 PM	LATITUDE: 32.4684570721057	LONGITUDE: -94.4897581711097
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: East area, Crest. Looking West. Ruts, Monitor Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH NO: 4	DATE: March 20, 2024 2:57 PM	LATITUDE: 32.46843704	LONGITUDE: -94.48978109
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: East area, Upstream Slope of Original Dam. Looking South. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH NO: 5	DATE: March 20, 2024 2:36 PM	LATITUDE: 32.46796794	LONGITUDE: -94.48913187
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: North area, Upstream Slope of Original Dam. Looking Northeast. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH NO: 6	DATE: March 20, 2024 2:36 PM	LATITUDE: 32.4680095619327	LONGITUDE: -94.489083981754
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: North area, Crest. Looking East. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH NO: 7	DATE: March 20, 2024 2:43 PM	LATITUDE: 32.4690148608949	LONGITUDE: -94.4862108492012
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: North area, Crest. Looking East. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH NO: 8	DATE: March 20, 2024 2:43 PM	LATITUDE: 32.46897117	LONGITUDE: -94.48598182
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: North area, Upstream Slope of Original Dam. Looking South. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH NO: 9	DATE: March 20, 2024 2:19 PM	LATITUDE: 32.46517519	LONGITUDE: -94.48834739
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope of Original Dam. Looking East. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH NO: 10	DATE: March 20, 2024 2:22 PM	LATITUDE: 32.46518685	LONGITUDE: -94.48833106
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope of Original Dam. Looking North. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH No: 11	DATE: March 20, 2024 2:20 PM	LATITUDE: 32.4651991318294	LONGITUDE: -94.4883320689739
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Crest. Looking East. General Photo, Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 12	DATE: March 20, 2024 2:22 PM	LATITUDE: 32.4652087361673	LONGITUDE: -94.488314509223
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope. Looking Northeast. Minor Erosion, Monitor Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH No: 13	DATE: March 20, 2024 2:25 PM	LATITUDE: 32.46608953	LONGITUDE: -94.48850923
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: North area, Upstream Slope of Original Dam. Looking Southeast. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 14	DATE: March 20, 2024 2:25 PM	LATITUDE: 32.4661104151935	LONGITUDE: -94.4885549540004
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: Toe, Drain. Looking North. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log



Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH No: 15	DATE: March 20, 2024 2:31 PM	LATITUDE: 32.46625803	LONGITUDE: -94.48872931
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Other of Original Dam. Looking East. Ground Cover, Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 16	DATE: March 20, 2024 2:30 PM	LATITUDE: 32.46629069	LONGITUDE: -94.48870753
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope of Original Dam. Looking North. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH No: 17	DATE: March 20, 2024 2:28 PM	LATITUDE: 32.4663302540679	LONGITUDE: -94.4888169912313
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Crest. Looking North. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 18	DATE: March 20, 2024 2:27 PM	LATITUDE: 32.46627123	LONGITUDE: -94.48886948
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: West area, Downstream Slope of Original Dam. Looking South. Note former Ash Pipe Containment Channel.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log





Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686

PHOTOGRAPH No: 19	DATE: March 20, 2024 3:02 PM	LATITUDE: 32.4664663179631	LONGITUDE: -94.4893840783756
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope. Looking Southeast. Major Erosion, please Repair.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 20	DATE: March 20, 2024 3:03 PM	LATITUDE: 32.46653643	LONGITUDE: -94.4894371
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: South area, Upstream Slope of Original Dam. Looking Southwest. Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log



Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power **GEI Project:** 2305686


PHOTOGRAPH No: 21	DATE: March 20, 2024 3:05 PM	LATITUDE: 32.46612862	LONGITUDE: -94.48962013
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: West area, Downstream Slope of Original Dam. Looking North. Drain Feature.			
PHOTO BY: GEI CONSULTANTS, INC.			
PHOTOGRAPH No: 22	DATE: March 20, 2024 3:05 PM	LATITUDE: 32.466183205173	LONGITUDE: -94.4896219570911
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: West area, Downstream Slope of Drainage Feature. Looking Southwest. General Photo, Typical Conditions.			
PHOTO BY: GEI CONSULTANTS, INC.			

Photographic Log



Project: Pirkey Power Plant, Bottom Ash Complex Inspection
Client: American Electric Power

GEI Project: 2305686

PHOTOGRAPH No: 23	DATE: March 20, 2024 3:09 PM	LATITUDE: 32.46668275	LONGITUDE: -94.49064368
SITE LOCATION: HALLSVILLE, TEXAS			
DESCRIPTION: Outlet Works area, 24" storm Drain Feature. Looking South. Monitor Conditions.	 A photograph showing a storm drain feature in a field. The drain is a small, rectangular opening in the ground, surrounded by a low wall of grey stones. The field is dry with sparse green grass and brown patches. In the background, a person wearing a yellow hard hat and a plaid shirt stands near a line of trees.		
PHOTO BY: GEI CONSULTANTS, INC.			