

From: [Dick, Gregory A](#)
To: [Fracetti, Juliana](#)
Cc: [Casbon-Scheller, Angela](#); [Kochis, Neal](#); [GUERRETTAZ, JOHN](#)
Subject: Southern Indiana Gas and Electric Company (SIGECO) F.B. Culley Generating Station, West Ash Pond - Revised Work Plan for Bedrock Characterization; Updated Boring Locations
Date: Friday, June 28, 2024 11:44:20 AM
Attachments: [image001.png](#)
[image002.png](#)
[2024-0628_ Revised Work Plan for Bedrock Characterization_ SIGECO FB Culley Generating Station_ West Ash Pond_ Updated Boring Locations.pdf](#)

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Good Afternoon,

Please refer to the attached correspondence concerning the revised Work Plan for Bedrock Characterization at the Southern Indiana Gas and Electric Company (SIGECO) F.B. Culley Generating Station submitted on April 18th, 2024.

If there are any additional questions or concerns, please feel free to contact me via email or phone.

Best Regards,



Greg Dick
Manager, Environmental Operations

CenterPoint Energy | Environmental Affairs

812-491-4185 w| 812-893-7830 c

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Greg Dick
Manager, Environmental Operations
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June 28, 2024

Submitted via Email to:
jfracett@idem.IN.gov
jguerrettaz@idem.IN.gov

Indiana Department of Environmental Management
Office of Land Quality
100 North Senate Avenue
Indianapolis, IN 46204

Subject: Revised Work Plan for Bedrock Characterization – Updated boring locations
Southern Indiana Gas and Electric Company
F.B. Culley Generating Station - West Ash Pond
Newburgh, Warrick County, Indiana
SW Program ID 87-UP-14

Dear Ms. Fracetti,

Southern Indiana Gas and Electric Company (SIGECO) submitted the Revised Work Plan for Bedrock Characterization at the F.B. Culley Generating Station – West Ash Pond (Plan) on 18 April 2024. The Indiana Department of Environmental Management (IDEM) approved that work plan on 23 April 2024.

While preparing to implement the work plan, some of the locations were determined to be inaccessible by drilling equipment planned for the bedrock coring. The attached Figure 1 shows alternate locations that meet the data quality objectives to evaluate physical and hydraulic characteristics of the bedrock underlying the former WAP; specifically, lithology, thickness, fracture characteristics (if observed), and hydraulic conductivity. Proposed boring locations were selected to provide bedrock information in the area of affected groundwater between the former ash pond and the Ohio River or property boundary, while allowing safe access via gravel paved surfaces for the heavy truck mounted equipment to be used. It should be noted that two of the proposed boring locations fall within the boundary of the former West Ash Pond, which is protected by an Environmental Restrictive Covenant established by IDEM through a deed restriction (VFC# 58706979).

SIGECO appreciates your consideration and requests approval of these locations. Presently, implementation is planned to begin on or about 8 July 2024 and be completed on or about 26 July 2024. Please advise if approval of the proposed boring locations cannot be granted prior to beginning work.

If you have any questions, please contact me at Gregory.Dick@centerpointenergy.com or 812-491-4185.

Sincerely,












Gregory Dick
Manager, Environmental Operations

Cc: Plant File

GIS FILE PATH: \\halcyon\hald\CF\proj\GIS\Mapa\2023_06\supervised\120420_001_0001_GROUNDWATER_MONITORING_WELL_NETWORK_OVERVIEW.mxd — USER: talakowski — LAST SAVED: 7/17/2023 5:08:14 PM



LEGEND

-  UPGRADIENT CCR COMPLIANCE MONITORING WELL
-  DOWNGRADIENT CCR COMPLIANCE MONITORING WELL
-  DOWNGRADIENT WELL TO ASSESS NATURE AND EXTENT OF APPENDIX IV SSLs
-  DOWNGRADIENT WELL TO COMPLY WITH IDEM APPROVAL OF CLOSURE/POST CLOSURE PLAN
-  APPROXIMATE LIMITS OF WEST ASH POND FINAL COVER
-  APPROXIMATE LIMITS OF WEST ASH POND CCR REMOVAL
-  WEST ASH POND
-  APPROXIMATE F.B. CULLEY PROPERTY BOUNDARY
-  PROPOSED BEDROCK CHARACTERIZATION BORING

NOTES

1. ALL LOCATIONS AND DIMENSIONS ARE APPROXIMATE.
2. AERIAL IMAGERY SOURCE: HEXAGON 21 JULY 2022



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ET AD EBUH, DIAA

PROPOSED BEDROCK CHARACTERIZATION BORING LOCATIONS

JUNE 2024

FIGURE 1