

Case No. 2023-00263  
Banjo Creek Solar, LLC  
Response to Siting Board's Second Request for Information

**Siting Board 2-1:**

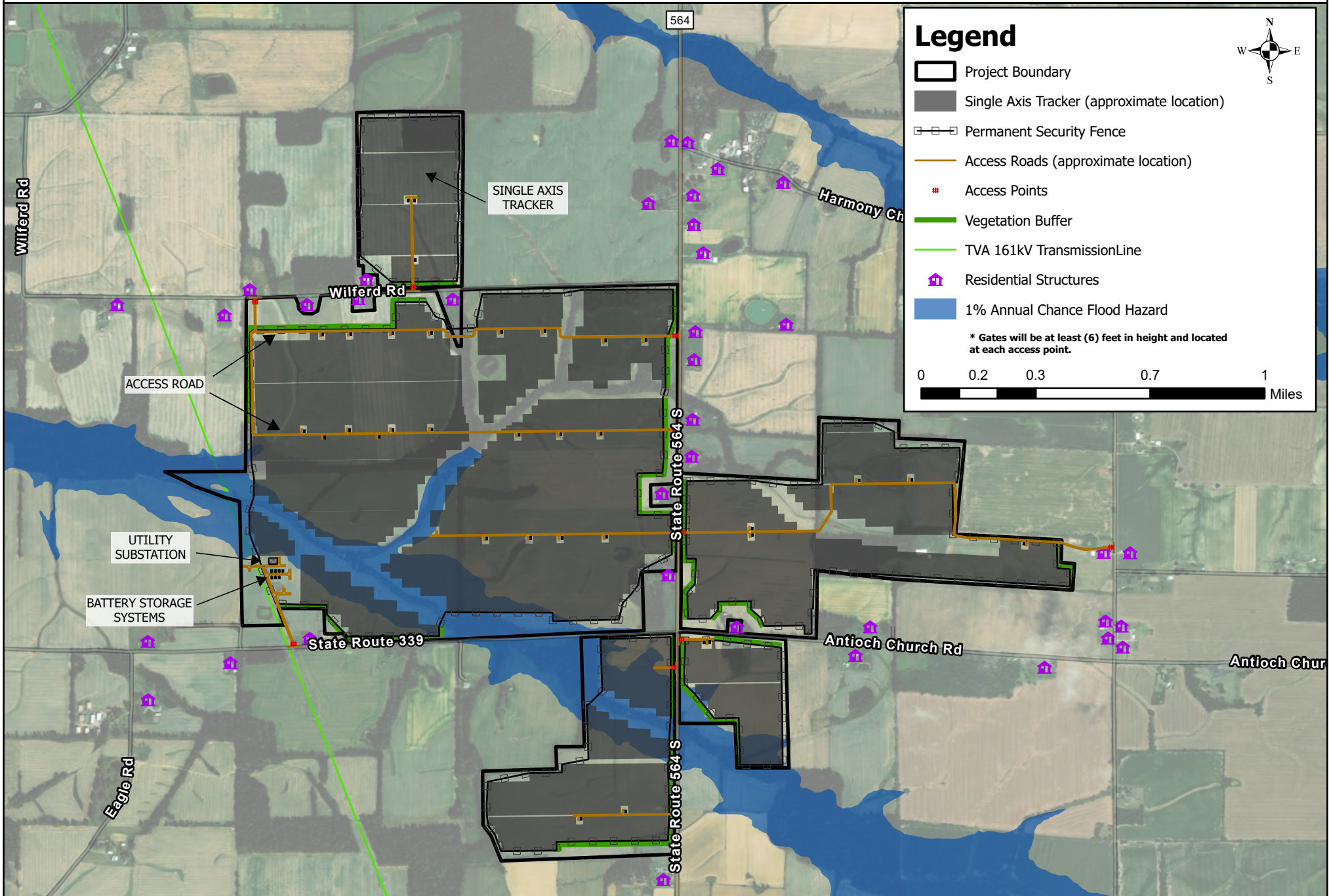
Refer to the Application, Section 2, Site Assessment Report (SAR), Appendix C, Preliminary Site Layout. Provide an updated site plan.

**Response:** See attached map.

**Witness:** Jonathan Flemings

# Banjo Creek Solar LLC

## Preliminary Site Layout



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**Siting Board 2-2:**

Refer to the Application, Section 2, SAR, Appendix C, Preliminary Site Layout. Provide a one-page map that identifies any cemeteries within the project boundaries. If any cemeteries are within the boundaries, provide the mitigation measures that will be utilized to protect the cemetery during construction and provide access to the public during operations.

**Response:** There are no cemeteries within the Project boundary.

**Witness:** Jonathan Flemings

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**Siting Board 2-3:**

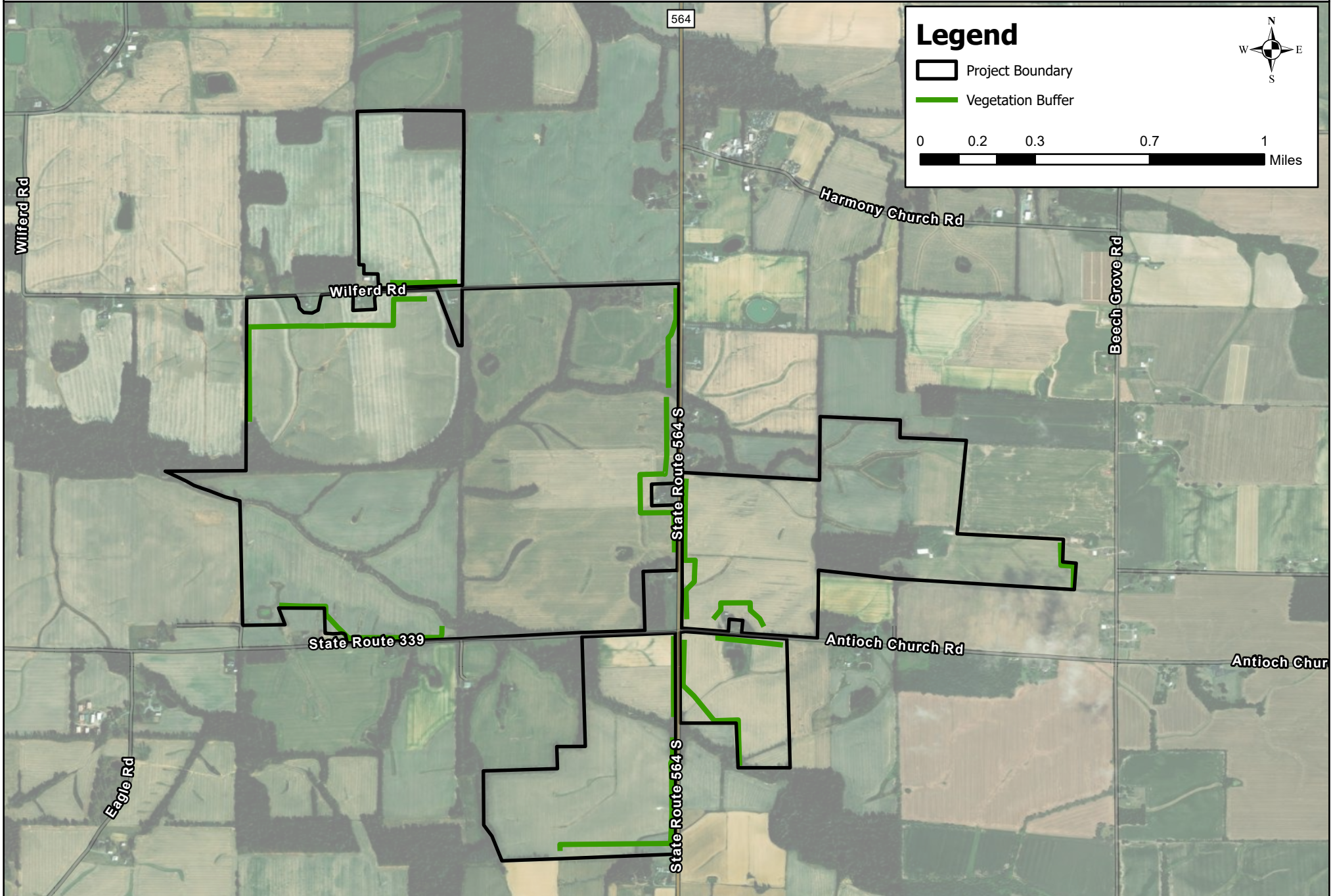
Refer to the Application, SAR, unnumbered page 6. Provide a one-page map showing where the vegetative screening will be located in the project area.

**Response:** See attached map.

**Witness:** Jonathan Flemings

# Banjo Creek Solar LLC

## Vegetation Buffer



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**Siting Board 2-4:**

Refer to the Application, Attachment A, Context Map.

- a. Provide any communication with any churches listed on the Context Map regarding the project.
- b. Provide the days of the weeks and times services are held for any church on the Context Map.

**Response:** Antioch Church of Christ is the only church within 1-mile of the Project boundary.

An introduction letter was sent via FedEx to the Pastor of Antioch Church of Christ on November 29, 2023. We have not received a response. A "street view" image online suggests that the church has bible study at 9am and services at 10am and 6pm on Sundays, as well as bible study at 6:30 on Wednesday evenings. Banjo Creek does not have information on the times during which other churches conduct their services.

**Witness:** Jonathan Flemings



GreenGo Energy US, Inc.  
1900 South Blvd.  
Suite 306  
Charlotte, NC 28203

Pastor  
Antioch Church of Christ  
1261 Antioch Church Rd  
Farmington, KY 42040

November 29, 2023

**Subject: GreenGo Energy Introduction**

Dear Pastor of Antioch Church of Christ:

Our company is developing the Banjo Creek Solar project at the intersection of Rt 564 and Antioch Church Rd on lands belonging to the Coltharp, Diel, and Wilferd families. We found out that you have regular church services on Wednesday evenings and would like to make sure that we have a contact person from your congregation to ensure we are informed of any changes in the schedule or events in case we have deliveries coming to the site that might affect traffic to your church.

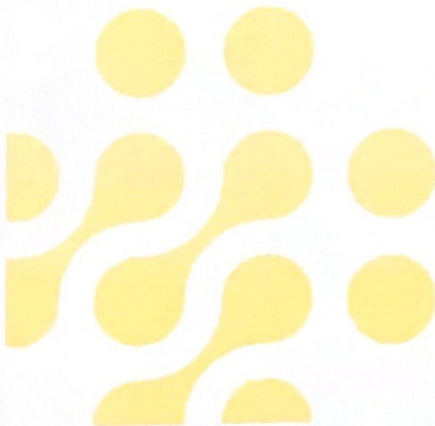
Please let us know whom we could speak with and please feel free to reach out to us with any questions or concerns. We look forward to meeting you.

Kind regards,

A handwritten signature in black ink that reads "Emma Johnson".

**Emma Johnson | Senior Analyst, GIS & Development**  
GreenGo Energy US, Inc.  
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**Jonathan Flemings | Director, Development**  
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**Siting Board 2-5:**

Explain whether Banjo Creek will pursue an Industrial Revenue Bond and Payment In Lieu of Taxes agreement with Graves County. If yes, explain how that might change the cumulative tax revenues of the Project.

**Response:**

Banjo Creek may approach Graves County for an Industrial Revenue Bond and Payment in Lieu of Taxes agreement at a later date, however, Banjo Creek does not currently have plans to pursue either.

**Witness:** Jonathan Flemings



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**Siting Board 2-6:**

Explain whether Banjo Creek intends to hire as many local workers for the construction and operations phases of the project as possible, all other qualifications for the positions being equal.

**Response:** Banjo Creek will hire a qualified general contractor to construct the utility scale renewable energy powerplant in accordance with the approved final design(s) and a qualified operations and maintenance provider post construction. Banjo Creek's contractors will make all workforce decisions given the powerplant's complexity and compliance with Banjo Creek's contracts including compliance with typical workmanship warranties and guarantees required by its financing parties. All other qualifications being equal, Banjo Creek's contractors will appreciate having access to skilled, local labor and will likely consider hiring as many qualified local workers as possible to perform work during the construction phase of the Project. This may involve the contractor hosting a local job fair for workforce augmentation.

**Witness:** Jonathan Flemings

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**Siting Board 2-7:**

Provided the expected operational life of the project.

**Response:** Banjo Creek expects the operational life of the Project to be at least 40 years.

**Witness:** Jonathan Flemings

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**Siting Board 2-8:**

Refer to the Application, Attachment F, Economic Impact Report, page 13. Provide the estimated payroll and local economic impact (broken down like the numbers provide for the construction phases) for the 3.8 permanent jobs for the operations phase of the Project.

**Response:** As I pointed out in Dr. Coomes's report on page 8, he did not have an empirical basis to estimate the economic impact of the operations phase: "Unfortunately, for the operations phase, the relevant IMPLAN sector, number 42, 'Electric Power Generation – Solar', is empty of data and results for Graves County. This is because there is no history of solar electricity generation and therefore no basic economic data to construct industry relationships. The sector is also empty of data for the statewide model." Hence, Dr. Coomes cannot break out the expected indirect and induced economic impacts.

The impacts are likely to be very small, but if an estimate were required, Dr. Coomes would look to ancillary data to construct something reasonable. The Berkeley study mentioned in footnote 3 provides a basis for estimating the direct employment and payroll from the ongoing operations phase. Applied to the Graves County project, their findings suggest there will be 3.8 operations and maintenance jobs that will be supported for the life of the project. The author found that the average annual wage across six solar projects was \$69,250. Adding in fringe benefits yields average annual compensation of \$102,464.

It is valid to apply economic multipliers to these direct impacts, given that the electricity generation is new and at least some of it is expected to be sold to customers outside the region, and thus the revenues and labor compensation will be new to Graves County. The IMPLAN model is empty of results for the appropriate sectors, as pointed out above. However, a related sector, 515 "Commercial and industrial machinery and equipment repair and maintenance" does

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have activity. The employment multiplier for that sector is 1.181 and the labor income multiplier is 1.136.

Applying these multipliers yields a total annual impact of 4.5 jobs and \$446,000 in labor compensation.

**Witness:** Paul Coomes

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**Siting Board 2-9:**

Refer to the Application, Attachment F, Economic Impact Report, page 14. Provide the occupational taxes generated by the operations phase of the Project.

**Response:** Graves County levies an occupational tax of one percent on labor compensation paid to workers in the County. So, with the above assumptions, the operations phase would generate about \$4,500 per year in occupational tax revenues.

**Witness:** Paul Coomes

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**Siting Board 2-10:**

Provide any additional public meetings planned in Graves County.

**Response:** A local public hearing set by the Siting Board is planned on January 16, 2024, at 5:00pm CST at the Graves County Public Library (601 N. 17th Street, Mayfield, Kentucky 42066).

**Witness:** Jonathan Flemings

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**Siting Board 2-11**

Explain if a meeting has been held, or will be held, with the Residents of Banjo Creek.

**Response:** Representatives of Banjo Creek met with the Residents of Banjo Creek (“Residents”) on 12 September at the offices of the Fiscal Court. The County Judge Executive, Jesse Perry, and County Commissioner Bubba Winfrey were also in attendance. Judge Perry led the meeting. No additional meetings have been planned, but Banjo Creek is willing to have additional discussions with the Residents of Banjo Creek.

**Witness:** Jonathan Flemings

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**Siting Board 2-12:**

Refer to the, SAR, unnumbered page 13. Explain if a request has been made to the U.S. Army Corps of Engineers for a wetland delineation report.

**Response:** No request has been made of the United States Army Corps of Engineers (USACE) to date regarding a wetland delineation report. Banjo Creek must be studied under the NEPA process led by TVA which specifies that all potentially impacted federal agencies be notified along with the public, including USACE representatives. TVA may engage USACE under its NEPA administration.

**Witness:** Jonathan Flemings



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**Siting Board 2-13:**

Refer to the Application, unnumbered page 22. Provide the Hazardous Material Business Plan.

**Response:** Banjo Creek may complete a Hazardous Material Business Plan if needed, in compliance with USEPA requirements, prior to the start of construction.

**Witness:** Jonathan Flemings

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**Siting Board 2-14:**

Provide the storm water plan for the project.

**Response:** A stormwater management plan prepared by a professional engineer will be submitted to the Kentucky Division of Water with the Project application for a General Permit for Stormwater Discharges Associated with Construction Activities. The plan will be in compliance with KYDES regulations.

**Witness:** Jonathan Flemings

**COMMONWEALTH OF KENTUCKY  
BEFORE THE KENTUCKY STATE BOARD  
ON ELECTRIC GENERATION AND TRANSMISSION SITING**

**In the Matter of:**

**Electronic Application Banjo Creek Solar LLC for a            )  
Certificate of Construction for an Approximately 120        )  
Megawatt Electric Generating Facility in Graves            ) Case No. 2023-00263  
County, Kentucky Pursuant to KRS 278.700 and 807        )  
KAR 5:110    )**

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**CERTIFICATION**

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This is to certify that I have supervised the preparation of the Banjo Creek Solar LLC's responses to the Kentucky Siting Board on Electric Generation and Transmission Siting's Second Request for Information and that the responses to the request are true and accurate to the best of my knowledge, information, and belief after reasonable inquiry.

December 5, 2023  
\_\_\_\_\_  
Date

*Jonathan Flemings*  
\_\_\_\_\_  
Jonathan Flemings  
Director, Project Development