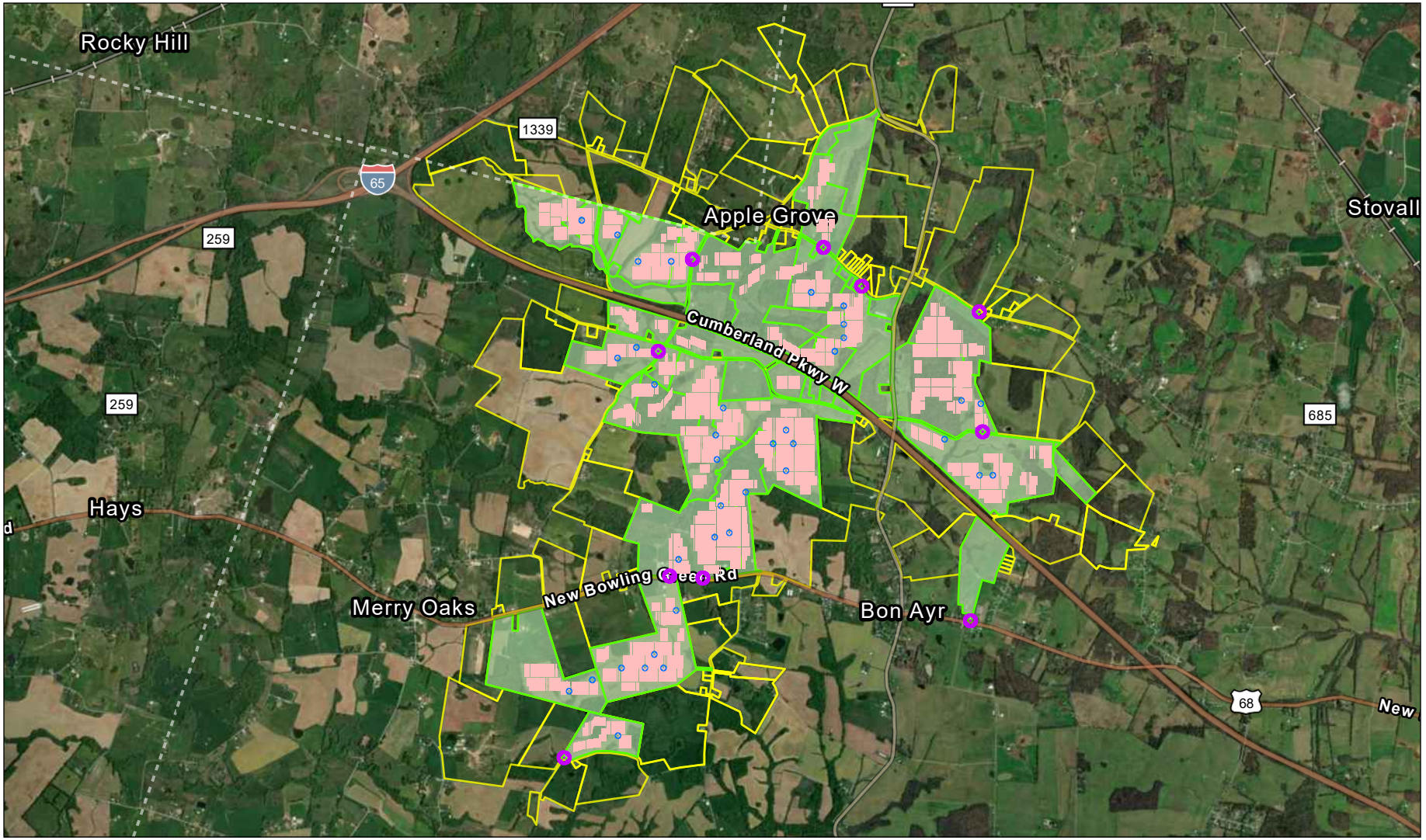
Request No. 1:

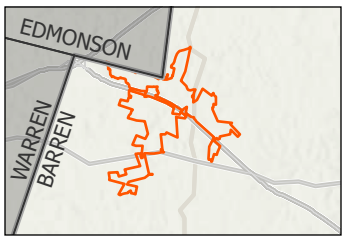
Provide an updated map identifying all participating and non-participating parcels. Include in the map: proposed solar array areas, proposed access points, and proposed inverter locations.

Response:

See attached.

Responding Witness: Chad Martin





Legend

- Non-Participating Parcels
- Participating Parcels
- Arrays
- Access Points
- Inverters

N

0 2,000 4,000 Feet

(At original document size of 8.5x11)
1:53,000

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet
2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset
3. Background: KyFromAbove Orthoimagery (2021)
4. Notes: All Project Facilities are entirely within Barren County.

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number	237801898
Client	Geenex
Project	Wood Duck Solar Project
Report	RFI2

Exhibit:
Q1

Title
Participating and Non Participating Parcels

U:\235312350118 4\03_data\gis_cad\Projects\WithoutPNI\Wood Duck\Wood Duck.aprx Revised: 2025-08-27 By: COHOFFMANN

Request No. 2:

Confirm whether all proposed access points will be gated. If not confirmed, provide a response that identifies all gated access points, all ungated access points and an explanation why each access point will either be gated or ungated.

Response:

Refer to the response to RFI 1-62. All access points will be gated during both construction and operations.

Responding Witness: Aerin Garczyk

Request No. 3:

Describe any upgrades that will need to be made to the existing East Kentucky Power Cooperative, Inc. (EKPC) substation in preparation for the Project and its gen-tie line.

Response:

Refer to the Project's interconnection studies included as Application, Exhibit E. The Project's completed System Impact Study includes substation upgrade requirement(s). EKPC will finalize the changes required for their substation during the engineering and procurement process that takes place once the PJM Generator Interconnection Agreement is executed. This information is anticipated to be available Q2 2026. In the interim, EKPC has provided preliminary list of equipment that will be provided in order to accept the Project's generator gen-tie information, which is as follows: a 69 kV isolation switch with included metering; a 69 kV circuit breaker and fiber-optic communications for operation; and a relay panel and/or control building.

Responding Witness: Steve Hazel

Request No. 4:

Provide a time frame for when vegetative screening will be planted during the construction phase of the Project.

Response:

Planting of vegetative screening will commence after completing installation of the Project's exterior fence. Planting will likely conclude (based on weather, availability of trees and shrubs, and other factors) later during the construction process.

Responding Witness: Chad Martin

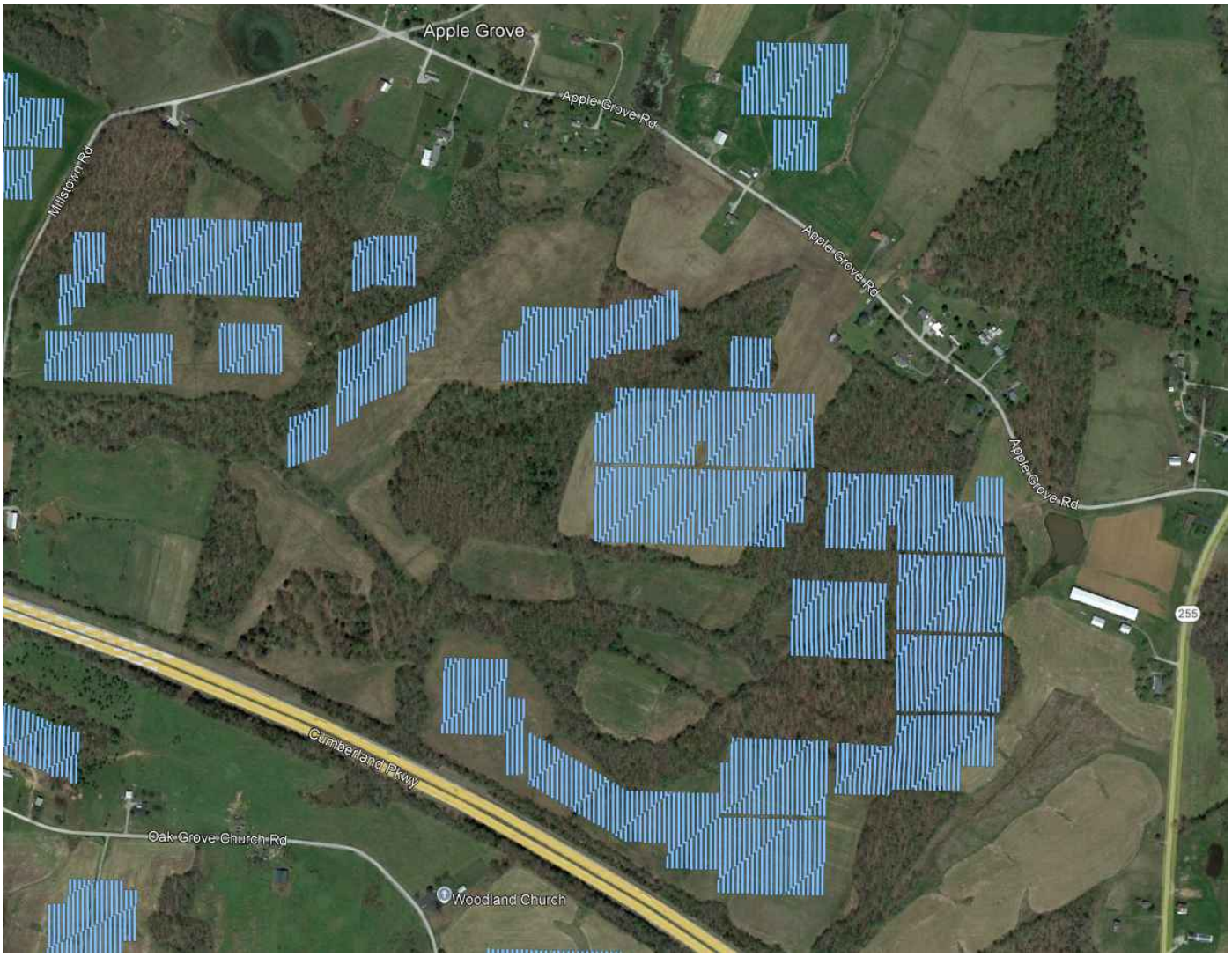
Request No. 5:

Refer to the public comment 20250724_Response E-Mail to Gwynne Aidala.pdf filed on July 24, 2025, pages 3-4. Confirm whether the images accurately depict vegetative clearing on the Project site. If confirmed, explain whether such vegetative clearing has altered Wood Duck Solar's prior estimate of a maximum of 223 acres of vegetative clearing provided in response to Siting Board Staff's First Request for Information (Staff's First Request), Item 27.

Response:

Please see the attached aerial images from Google Earth depicts the tree clearing activity between April 2022 and April 2025 with respect to the area in question. This tree clearing activity was not at the request of the Project and was voluntarily completed by the landowner. Because this tree clearing was not undertaken by the Project, there is not a definitive response as to how many acres of the original 223 acres were affected. In turn, although the precise acreage is not known, the Project will be clearing less than 223 acres.

Responding Witness: Aerin Garczyk, Aron Caudill


Apple Grove
Apple Grove Rd
Millstown Rd
Apple Grove Rd
Apple Grove Rd
255
Cumberland Pkwy
Oak Grove Church Rd
Woodland Church

April 2022


Apple Grove
Apple Grove Rd
Milstown Rd
Apple Grove Rd
Apple Grove Rd
255
Cumberland Pkwy
Oak Grove Church Rd
Woodland Church

May 2024


Apple Grove
Apple Grove Rd
Milstown Rd
Apple Grove Rd
Apple Grove Rd
255
Cumberland Pkwy
Oak Grove Church Rd
Woodland Church

April 2025

Request No. 6:

Refer to Wood Duck Solar's response to Staff's First Request, Item 29. Explain whether any wildlife will be displaced or otherwise negatively impacted as a result of vegetative clearing. Include in the response any studies conducted relating to wildlife displacement.

Response:

Wildlife could be displaced within cleared forested areas. Smaller wildlife that could navigate through the Project's exterior fence may return to the area after restoration. No studies have been conducted related to wildlife displacement.

Responding Witness: Chad Martin

Request No. 7:

Refer to Wood Duck Solar's response to Staff's First Request, Item 36. Confirm whether the 'six-foot game style fence' will include barbed wire. If yes, provide an updated design. If no, explain the description.

Response:

Based on feedback received from Siting Board staff and the Board's consultant during the site visit, Wood Duck will increase the height of the agricultural fence to 8 feet in order to preserve the original intention of the fence design, which is to minimize the industrial look of the facility and promote wildlife activity, without producing additional risk of injury to local wildlife resulting from entanglement with barbed wire.

Responding Witness: Aerin Garczyk

Request No. 8:

Refer to Wood Duck Solar's response to Staff's First Request, Item 33, Attachment Part 3, page 541. The Critical Issues Analysis report states there are "two (2) federally endangered species, seventeen (17) state-endangered species, twenty (20) state-threatened species, and one (1) federal candidate species that have the potential to occur within the Project area. Additionally, the Project area is within two critical habitat units for the Indiana bat." Provide the following::

a. Describe the mitigation measures Wood Duck Solar will adopt to protect these endangered species.

b. Explain what communication has occurred with United States Fish and Wildlife Service (USFWS). Provide summaries or documentation to support the response.

c. Explain what permits Wood Duck Solar will need to acquire in relation to endangered species.

d. Explain if the site layout will be revised in any way as a result of the location of the endangered species.

Response:

a. The Project will participate in the Imperiled Bat Conservation Fund program for loss of forested habitat and will restore the land with native grass and pollinator species.

b. Please refer to the response to RFI 1-42. Project representatives met with National Parks Service (NPS) staff at Mammoth Cave National Park in June 2025 to discuss the potential impacts from the Project on Mammoth Cave and the Kentucky Cave Shrimp. NPS staff opined that development of the proposed Project would not negatively impact the Mammoth Cave watershed or the Kentucky Cave Shrimp. Additionally, a formal IPAC request was submitted and a review letter was received stating the Project would have no

effect to listed species. The USFWS only consults on federally listed threatened or endangered species.

c. No permits from USFWS are anticipated.

d. There is no documentation of endangered species within the Project area.

******

Responding Witness: Chad Martin

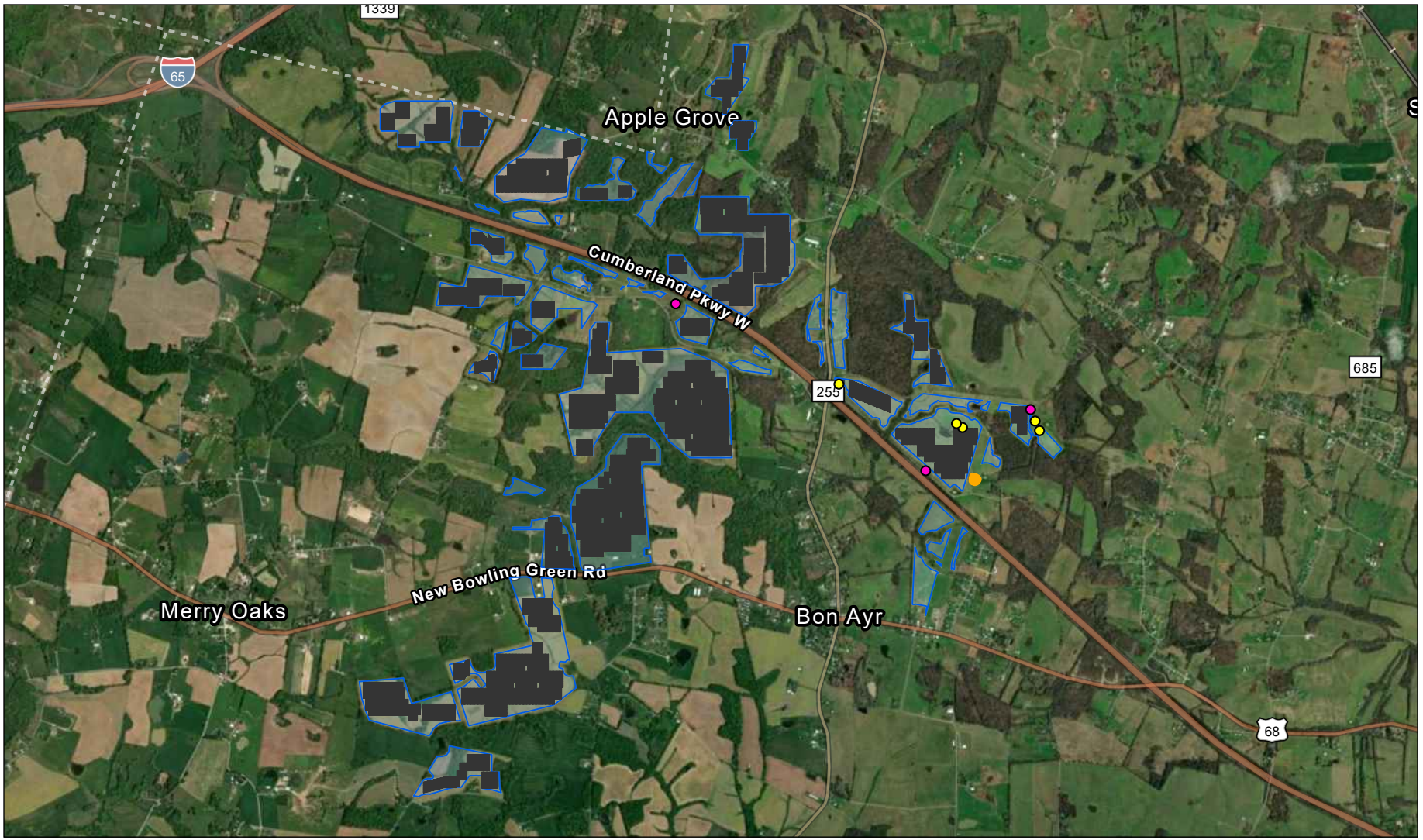
Request No. 9:

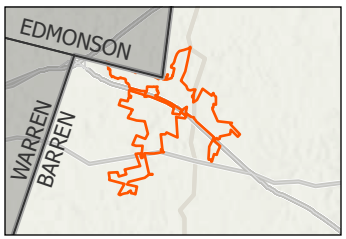
Refer to Wood Duck Solar's response to Staff's First Request, Item 33, Attachment part 3, page 542. Provide a map depicting the locations of the archaeological site, the three historic structures, and the three historic cemeteries. Include on the map, proposed solar array areas and proposed setbacks.

Response:

See attached.

Responding Witness: Chad Martin





Legend

- Project Area
- Panels
- Archaeological Site
- KHC Resources
- Cemeteries

N

0 2,000 4,000 Feet

(At original document size of 8.5x11)
1:41,990

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number 237801898
Client Geenex
Project Wood Duck Solar Project
Report RFI2

Exhibit:
Q9

Title
Cultural Resources Near Project

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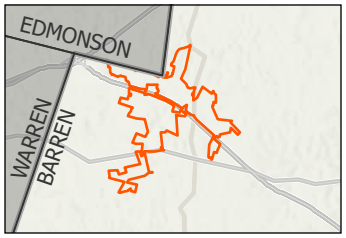

Legend

- Project Area
- Panels
- Archaeological Site
- Cemeteries
- KHC Resources

N

0 500 1,000 Feet

(At original document size of 8.5x11)
1:10,368

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number	237801898
Client	Geenex
Project	Wood Duck Solar Project
Report	RFI2

Exhibit:
Q9

Title
Cultural Resources Near Project

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Request No. 10:

Refer to Wood Duck Solar's response to Staff's First Request, Item 33, Attachment part 3, page 542. Identify and explain whether the archaeological site, the three historic structures, or the three historic cemeteries are eligible for the National Registry of Historic Property (NRHP).

Response:

Please refer to RFI 1-33, Attachment Part 3, page 568. No National Historic Landmarks or NRHP listed resources are located within two kilometers of the Project's Area of Potential Effects (APE). The referenced archaeological site was identified as a historic farm/residence and was recommended as ineligible for nomination to the NRHP. NRHP eligibility of the three historic structures and three historic cemeteries within the Project's APE have not been determined.

Responding Witness: Chad Martin

Request No. 11:

Refer to Wood Duck Solar's response to Staff's First Request, Attachment part 3, page 574. Confirm whether the site plan includes the 100-foot avoidance buffer recommended in the report. If confirmed, provide an updated site plan. If not confirmed, explain why not.

Response:

The site plan includes the 100-foot avoidance buffers with the exception of an 88-foot buffer near an existing historical cemetery. Historical barns located onsite are dilapidated and are not listed as historic structures. These features will be removed from the site and infrastructure will be installed within these areas.

Responding Witness: Chad Martin

Request No. 12:

Provide a map depicting all federal jurisdictional areas within the Project area.

Response:

A Preliminary Jurisdictional Determination request was submitted to the U.S. Army Corps of Engineers for review and acceptance on August 14, 2025. The Project presumes that all wetlands and waterbodies will be jurisdictional. These features are identified within the wetland delineation report submitted as an attachment to RFI 1-33, part 5 of 5.

Responding Witness: Chad Martin

Request No. 13:

Refer to Wood Duck Solar's response to Staff's First Request, Item 40. On pages 1, 2, and 3 of the Cumulative Environmental Assessment, the study refers to 'Hummingbird', a different solar project. Confirm that the findings in the report are accurate and relate solely to the Wood Duck Solar project. If confirmed, explain the assessment's reference.

Response:

Confirmed. The reference to "Hummingbird" in the Project's Cumulative Environmental Assessment (CEA) was a typographical error and remnant from a prior report. Except for the typographical errors noted, all information, references, and conclusions in CEA are accurate and relate solely to the Wood Duck Solar Project.

Responding Witness: Chad Martin

Request No. 14:

Provide a detailed list of all local public meetings that have been held since the creation of the Wood Duck Solar Project. Include in the response the date and location of each meeting along with the name(s) of the Wood Duck Solar representatives in attendance at each meeting.

Response:

The Project's public meetings include the planning commission hearing held on December 18, 2023, the open house held on August 22, 2024, the public information meeting held on February 4, 2025, and the local public hearing held on July 1, 2025, as depicted in the table below.

Event	Date	Location	Wood Duck Staff
Planning Commission Hearing	12/18/2023	Glasgow City Hall	Kelley Pope, Aron Caudill, Roland Rosario
Project Open House	8/22/2024	Cave City Convention Center	Kelley Pope, Aron Caudill, Hannah Howard, Riley Murphy
Public Information Meeting	2/4/2025	Cave City Convention Center	Kelley Pope, Aron Caudill, Chad Martin (Stantec)
Local Public Hearing	7/1/2025	Barren County Fiscal Courthouse	Kelley Pope, Aron Caudill

Responding Witness: Aerin Garczyk, Aron Caudill

Request No. 15:

Refer to Application, Exhibit H, Site Assessment Report (SAR), page 4. State the number of linear feet of collection system cables that will be above ground.

Response:

Approximately 4.2 million linear feet of DC PV wire will connect module strings to DC combiner boxes. This wire is above ground, along the racking underneath the modules and connects to the string combiners that are located at the end of rows. Approximately 190,000 linear feet of wire will be used to connect the combiner boxes to the inverters. This is primarily underground besides the limited vertical distance of stub-ups into the combiner boxes. The inverters and step-up transformers are collocated. The 34.5kV cable from the step-up transformers to the Project collection station is underground and is estimated to be 63,000-88,000 linear feet depending on the size of inverter and number of 34.5kV circuit breakers used. This cable may be located above ground in limited areas if underground obstructions are encountered during the construction of the Project.

Responding Witness: Steve Hazel

Request No. 16:

Refer to the public comment titled 20250721_Multiple Public Comments.pdf filed on July 21, 2025, pages 7–15.

a. Provide a response to the commentor's interpretation that glare will be greater at specific residences than stated in the conclusion of the Applicant's Glare Hazard Analysis.

b. Provide a response to the commentor's concerns regarding impacts to property values as related to the referenced University of Wyoming Study.

c. Provide the addresses for the four residences on Oak Grove Church Road that will experience green glare during Project operations.

1. Indicate whether each residence is participating or non-participating.

2. Explain whether the removal or adjustment of some solar panels could reduce the glare experienced by those residences.

Response:

a. Stantec modeled the glare using ForgeSolar glare hazard analysis software. The results are the best available information and interpretation available. Green glare is only predicted for a small amount of time during October to February.

b. The referenced public comment does not include a copy of the research or publication. Despite the efforts of Wood Duck and its counsel, the referenced research is not publicly available. The Social Science Research Network (SSRN) website notes this research paper (SSRN #5280613) is under review or has been removed from SSRN at the request of the author, SSRN, or the rights holder. Because the source and accuracy of the comment could not be verified, Wood Duck refers the Board to the extensive research and discussion provided by Rich Kirkland.

c. Of the four structures referenced in the above request, one is a barn and thus does not have a street address. Addresses for the remaining three structures are as follows: 344 Oak Grove Road; 518 Oak Grove Road; and 548 Oak Grove Road.

1. The residences noted above are all nonparticipating properties.

2. The Project will install supplemental landscape screening to create a buffer between these structures and the Project to reduce or eliminate glare at these locations.

******

Responding Witness: Chad Martin

Request No. 17:

Refer to Wood Duck Solar's response to Staff's First Request, Item 33, Attachment part 1, which includes discussion of a request for pre-subdivision variances.

a. Explain, individually, what is meant by the terms "interior property lines" and "exterior property lines" and "interior" and "exterior" setbacks.

b. Explain whether the variance request would apply only to participating landowners, or whether non-participating owners would also be affected.

c. State whether the County has approved the variance request. If yes, provide the appropriate permit or ordinance.

Response:

a. Interior property lines are property lines between parcels that are within Project boundaries. Exterior property lines are property lines of parcels included in the Project but are the outside edges of these parcels so they are not directly facing other parcels included in the Project area. Interior setbacks are those that are within the Project boundaries and face another parcel that is part of the Project. Exterior setbacks are those of Project parcels that face parcels that are not part of the Project.

b. The variance removed interior setbacks for interior property lines. This will only impact participating property owners whose parcel boundaries adjoin another participating parcel.

c. Refer to Application, Exhibit J. Wood Duck's Setback Encroachment Variance Application was approved in the Joint City-County Planning Commission meeting on December 18, 2023.

Responding Witness: Aerin Garczyk

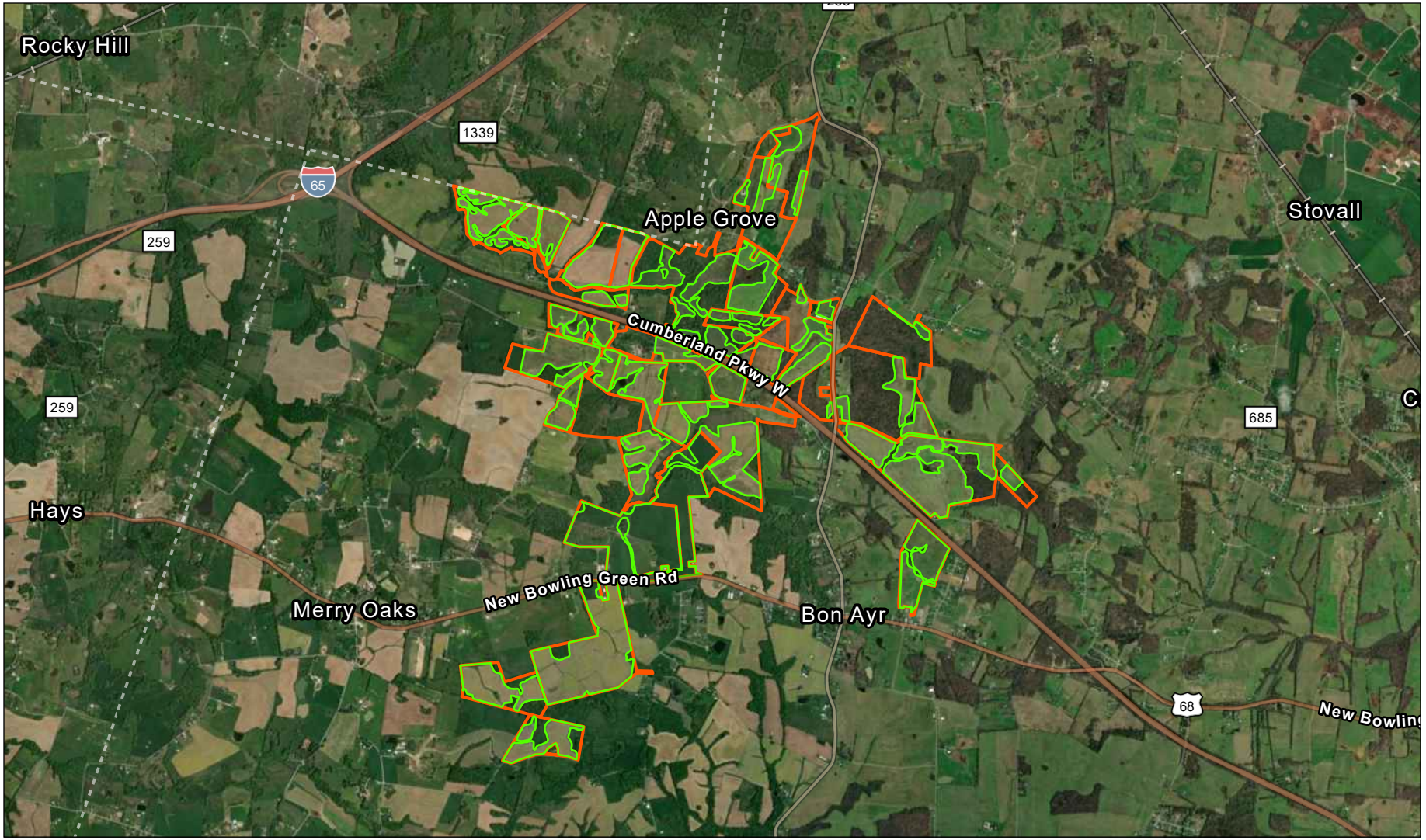
Request No. 18:

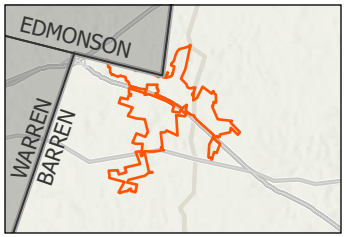
Provide the total acreage of the 2,259-acre proposed Project site that is currently being used for active agricultural production.

Response:

See attached for a Project map depicting active agricultural areas. Stantec reviewed recent aerial imagery and delineated areas that appear to be in active agricultural production. Approximately 1,256.6 acres were mapped as being potentially used for active agriculture.

Responding Witness: Chad Martin





Legend

- Project Boundary
- Active Agriculture Areas

N

0 2,000 4,000 Feet

(At original document size of 8.5x11)
1:53,000

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number	237801898
Client	Geenex
Project	Wood Duck Solar Project
Report	RFI2

Exhibit:
Q18

Title
Active Agriculture Areas

U:\235312353011184\03_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-21 By: COHOFFMANN

Request No. 19:

Refer to Wood Duck Solar's response to Staff's First Request, Item 58, Updated Site Plan. The map notes 25 inverters under the heading Project Data. In the SAR, page 3, approximately 35 inverters are listed. State the correct number of inverters for the Wood Duck Solar Project. Provide an updated site plan map, if necessary.

Response:

The Project's preliminary design assumes 4.2 MW inverters and will utilize the best available machine at the time of construction. Typical inverter size is between 2 MW and 5 MW, and therefore the final quantity of inverters may change prior to commencing construction. The Project studied 35 inverter locations for noise impacts to determine the minimum inverter setback required and the optimal locations for inverter placement. Typically, inverters are grouped to minimize collection cable trenching and Wood Duck estimated 25 locations (or less) will be used for inverter placement, though 35 potential locations were studied.

Responding Witness: Steve Hazel

Request No. 20:

Refer to Wood Duck Solar's response to Staff's First Request, Item 55. Explain whether the water service from Glasgow Water Company refers specifically to on-site water demands during operations (i.e., at the O&M building).

Response:

The parcels the Project is located on are served by the Glasgow Water Company. A water hookup to the O&M building and water service during Project operations are not anticipated.

Responding Witness: Aerin Garczyk

Request No. 21:

Refer to the SAR, page 15, which states that "[w]ater for dust control and operations will be obtained from several potential sources, including an on or off-site groundwater well, or trucked from an offsite water purveyor." Explain whether those water supplies are in addition to the Glasgow Water Company service identified in Wood Duck Solar's response to Staff's First Request, Item 55.

Response:

If water is needed for dust control and operations, the Project anticipates obtaining water from off-site sources such as an off-site groundwater well or trucked in from an offsite water purveyor.

Responding Witness: Aerin Garczyk

Request No. 22:

Describe the size and scale of the proposed Project substation as compared to the existing EKPC substation.

Response:

Please refer to the Project's site plan, Application Exhibit A. The Project's collection station is anticipated to be a similar size to the existing Bon Ayr substation. The existing station is approximately 0.8 acres. The physical equipment in the collector station will have a footprint of approximately 0.25 acres. As the collector station will also house the O&M building and equipment storage (spare modules, fuses, etc.) the final fenced footprint of the collector station will be 1-2 acres.

Responding Witness: Aerin Garczyk

Request No. 23:

Refer to Application, Exhibit F, Economic Analysis, page 16. The discussion and calculations related to "Lost Economic Activity from Farming" appear to be based on 1,244 acres, generally the acreage required for Project infrastructure. Provide an analysis of the economic impacts to agriculture that reflects the entire Project site of 2,259 acres.

Response:

Analysis of this request is still in progress and will be provided to the Siting Board by September 4, 2025.

Responding Witness: Dr. Paul Coomes

Request No. 24:

Assuming the entire 2.259 acres will be leased at $750 per acre over the life of the Project, the total annual positive economic impact in Barren County as shown in the table below.

Response:

Analysis of this request is still in progress and will be provided to the Siting Board by September 4, 2025.

Responding Witness: Dr. Paul Coomes

Request No. 25:

Refer to Application, Exhibit F, Economic Analysis, page 24. Provide a revised analysis and table showing the estimated net annual Barren County impacts during operations that reflect the entire Project site of 2,259 acres.

Response:

Analysis of this request is still in progress and will be provided to the Siting Board by September 4, 2025.

Responding Witness: Dr. Paul Coomes

Request No. 26:

Refer to Application, Exhibit I, Decommissioning Plan, page 1, which states that "it is anticipated that decommissioning will begin within six (6) months of the facility ceasing to produce electricity." Confirm that Wood Duck Solar intends to commit to that schedule, even though the Barren County Regulations for Solar Farms (Article 5, Section 511.2) do not consider a solar facility to be "abandoned" until a period of 12 continuous months without energy production has passed. If not confirmed, explain the response.

Response:

Confirmed. By initiating decommissioning activities six months after the date the facility ceases to produce electricity for sale, the Project will comply with both Section 511.2 of the Subdivision Regulations of Barren County and KRS 224.10-285. Subdivision Regulation 511.2 requires the Project's Decommission Plan Agreement to remove all solar components and accessories within 12 months. KRS 224.10-285(1) provides "[i]f the owner of a merchant electric generating facility fails to complete the decommissioning plan within eighteen (18) months of the date that the facility ceases to produce electricity for sale and the secretary has not extended the deadline, the cabinet shall draw upon the decommissioning bond and implement the decommissioning plan." Commencing decommissioning activities within six months of cessation of operations will preserve the Project's 12-month decommissioning timeline in compliance with Subdivision Regulation 511.2 while adhering to the 18 month timeline to complete the Project's decommissioning plan in compliance with KRS 224.10-285(1).

Responding Witness: Aerin Garczyk

Request No. 27:

Refer to Application, Exhibit I, Decommissioning Plan, page 5, which states that "[t]he Project owned transmission line and the substation, including all components and accessories will be removed during decommissioning". Confirm that action conforms with KRS 278.706(2)(m)(4), which states that "[u]nless otherwise requested by the landowner, leave any interconnection or other facilities in place for future use at the completion of the decommissioning process." If not confirmed, explain why not.

Response:

The Project respectfully objects to the substance of this request as it requires a fact witness to provide a legal conclusion. KRS 278.704(3)(a), in relevant part, provides that "any decommissioning requirement…established by a planning and zoning commission for a facility in an area over which is has jurisdiction shall...[h]ave primacy over the decommissioning requirements of in KRS 278.706(2)(m)". Barren County has enacted Subdivision Regulations of Barren County, Kentucky ("Subdivision Regulations"), which are applicable to unincorporated county areas, where the Project is located, and under the jurisdiction of the Joint City-County Planning Commission of Barren County. Sections 511.1 and 511.2 of the Subdivision Regulations require the party (or parties) responsible for decommissioning will be responsible for "removal of ALL components and accessories[.]" Because KRS 278.704(3)(a) gives primacy to decommissioning requirements enacted by a local planning and zoning commission and the sections 511.1 and 511.2 of the Subdivision Regulations require complete removal of all solar farm components, the Applicant is required to remove all components upon decommissioning of the Project, including interconnection and other facilities, in accordance therewith.

Responding Witness: Legal

Request No. 28:

Explain any specific commitments included in individual landowner lease agreements regarding any aspect of the decommissioning process.

Response:

The individual landowner lease agreements for Wood Duck Solar reference a sample decommissioning plan, which is also included in the lease agreement, and agrees to remove all equipment and restore the land in accordance with the template decommissioning plan and any applicable laws and regulations.

Responding Witness: Aerin Garczyk

Request No. 29:

Confirm that the EKPC will be responsible for connecting the gen-tie line between the Project Substation and the EKPC Substation. If not confirmed, explain who is responsible.

Response:

EKPC will be responsible for the physical construction and the Project will be responsible for the costs to connect the Project substation to the utility switchyard.

Responding Witness: Steve Hazel

Request No. 30:

Explain if the EKPC Substation would require any improvements or reconfiguring before connection with the Project.

Response:

Please refer to the Project's interconnection studies provided in Application, Exhibit E. No improvements or reconfiguration is anticipated as there is ample space in the Bon Ayr substation to accommodate the Project.

Responding Witness: Steve Hazel

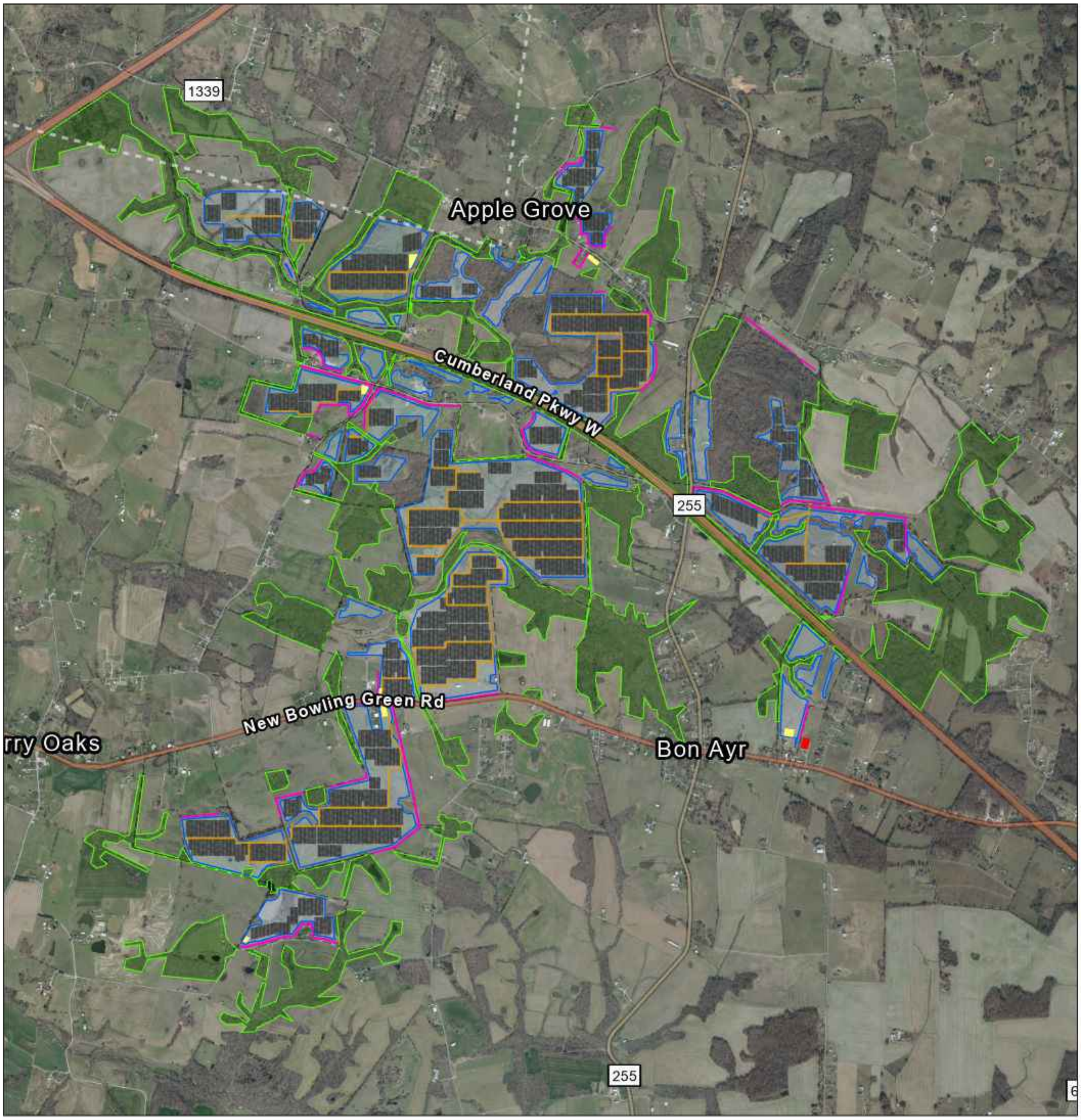
Request No. 31:

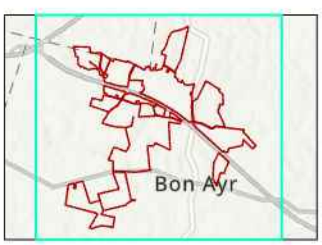
Refer to SAR, Attachment G, Appendix A, C202 Preliminary Landscape Plan map, and site visit. Logging has occurred on parcels where solar module Areas #18 and #21 are proposed and "existing buffer" as marked on the map has diminished. Provide a revised landscaping plan for areas that have been cleared by logging east of Millstown Rd and west of Park City-Bon Ayr Rd.

Response:

See attached. The revised landscaping plan was extended to add supplemental screening in areas that had cleared vegetation. The new length of proposed vegetative screening is now 45,353.92 feet (8.60 miles).

Responding Witness: Chad Martin





- Project Parcels
- Buildable Area
- Landscape Screening
- Substation
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 3,000 Feet
(At original document size of 8.5x11)
1:40,000

N

Notes
1. Coordinate System: NAD 1983 2011 StatePlane Kentucky South FIPS 1602 Ft US
2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

Stantec

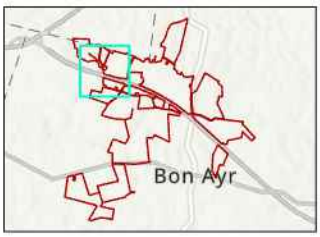
Project Location
Barren County, Kentucky

Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan



- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

(At original document size of 8.5x11)
1:8,000

N

Notes

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2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

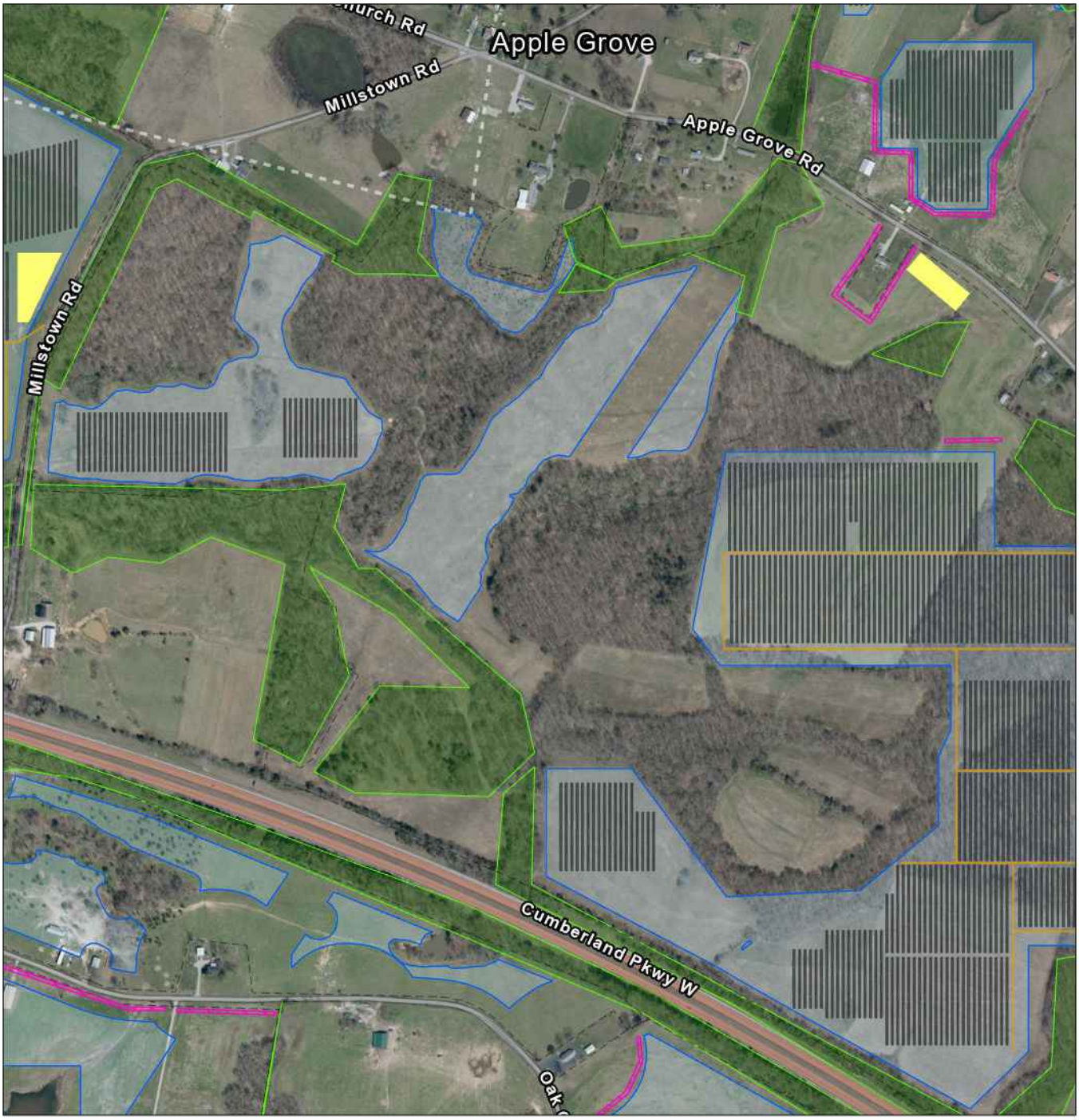
Prepared by KR on 2025-08-14

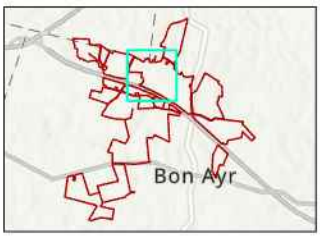
Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio





- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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N

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3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

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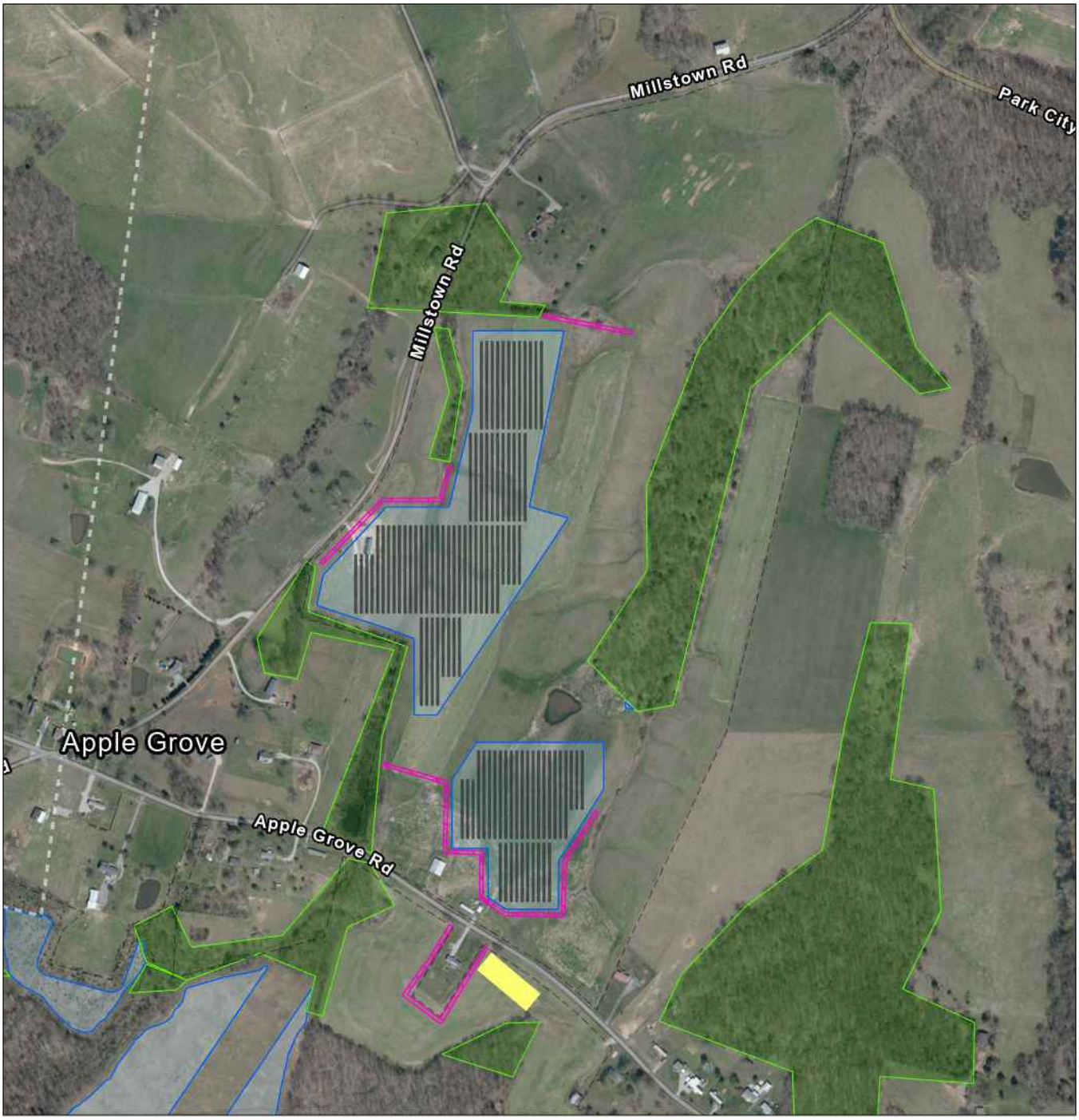
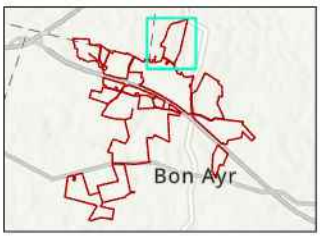




- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer

0 700 Feet

(At original document size of 8.5x11)
1:8,000

N

Notes
1. Coordinate System: NAD 1983 2011 StatePlane Kentucky South FIPS 1602 Ft US
2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

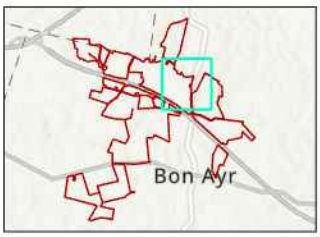
Stantec

Project Location	Prepared by KR on 2025-08-14
Barren County, Kentucky	
Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio



- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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N

Notes
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3. Background: KyFromAbove (2024)

Stantec

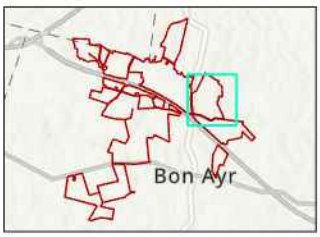
Project Location
Barren County, Kentucky

Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan



- Project Parcels
- Buildable Area
- Landscape Screening
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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N

Stantec

Notes

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3. Background: KyFromAbove (2024)

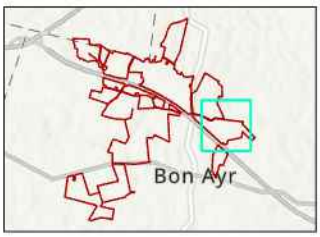
Project Location
Barren County, Kentucky

Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan



- Project Parcels
- Buildable Area
- Landscape Screening
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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N

Notes

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3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

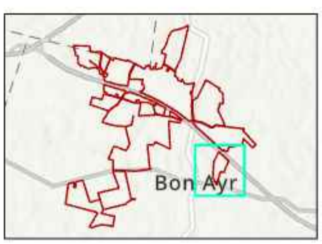
Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPln\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio



- Project Parcels
- Buildable Area
- Landscape Screening
- Substation
- Laydown Areas
- Panels
- Existing Buffer

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(At original document size of 8.5x11)
1:8,000

N

Notes
1. Coordinate System: NAD 1983 2011 StatePlane Kentucky South FIPS 1602 Ft US
2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

Stantec

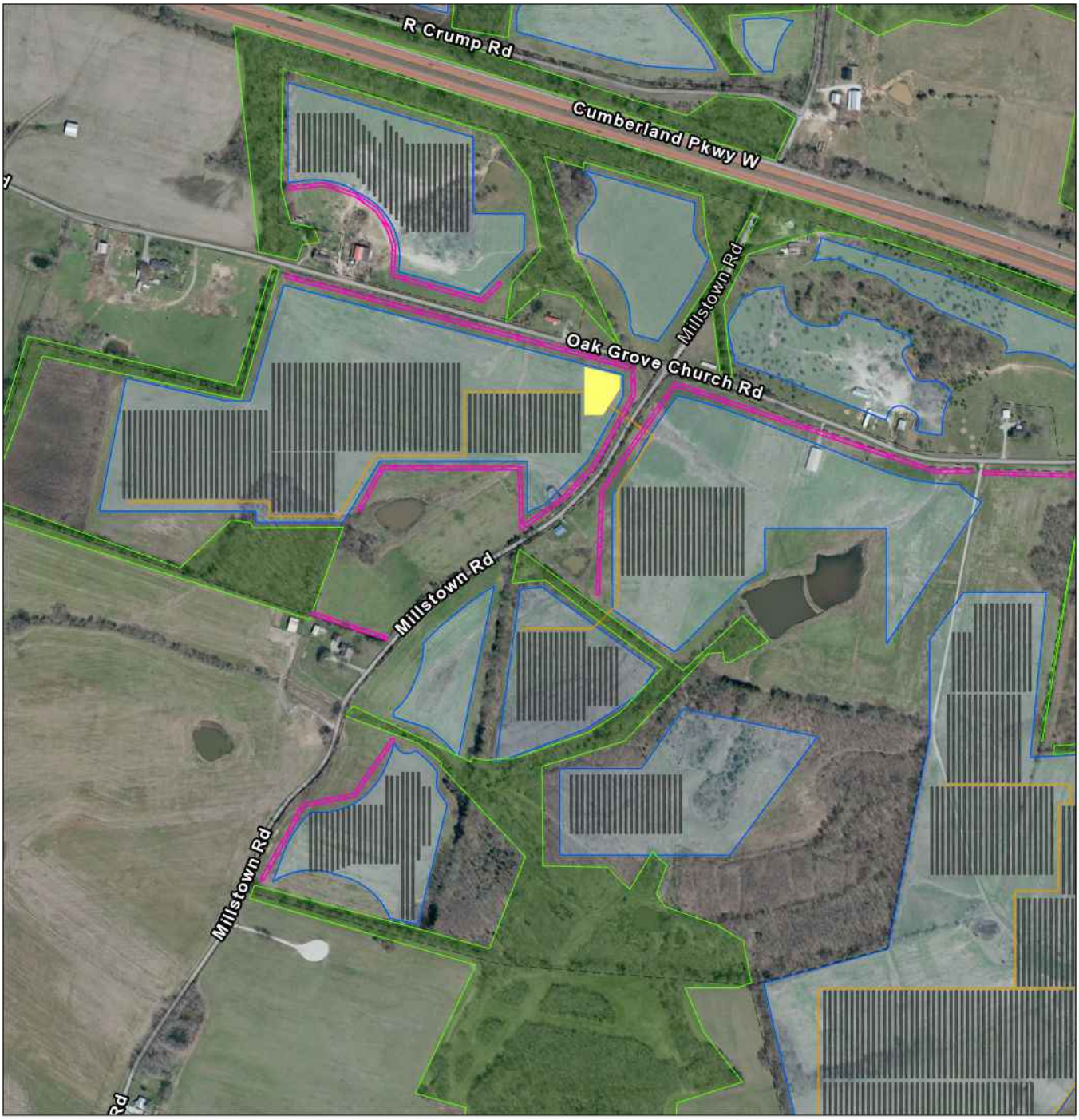
Project Location
Barren County, Kentucky

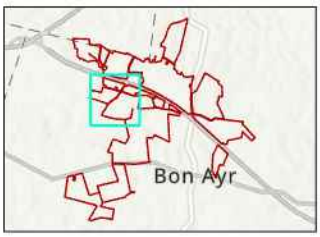
Prepared by KR on 2025-08-14

Client/Project
237801898
Client: Geenex LLC
Project: Wood Duck Solar Project
Report: Landscape Plan

Appendix
A

Title
Proposed Screening Plan





- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

(At original document size of 8.5x11)
1:8,000

N

Notes

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3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

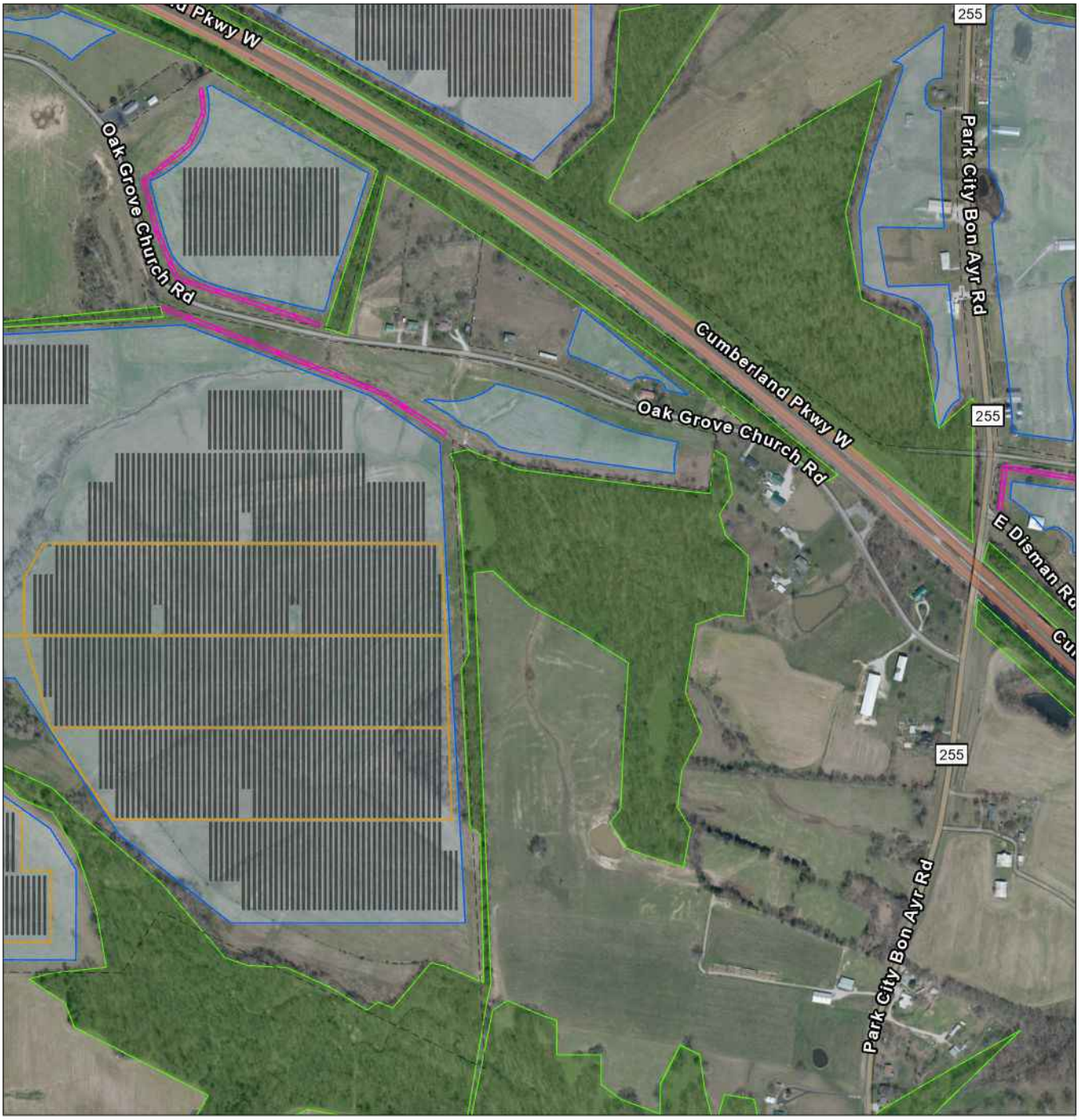
Prepared by KR on 2025-08-14

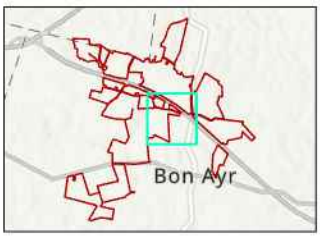
Client/Project	
Client	237801898 Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio





- Project Parcels
- Buildable Area
- Landscape Screening
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

(At original document size of 8.5x11)
1:8,000

N

Notes

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3. Background: KyFromAbove (2024)

Stantec

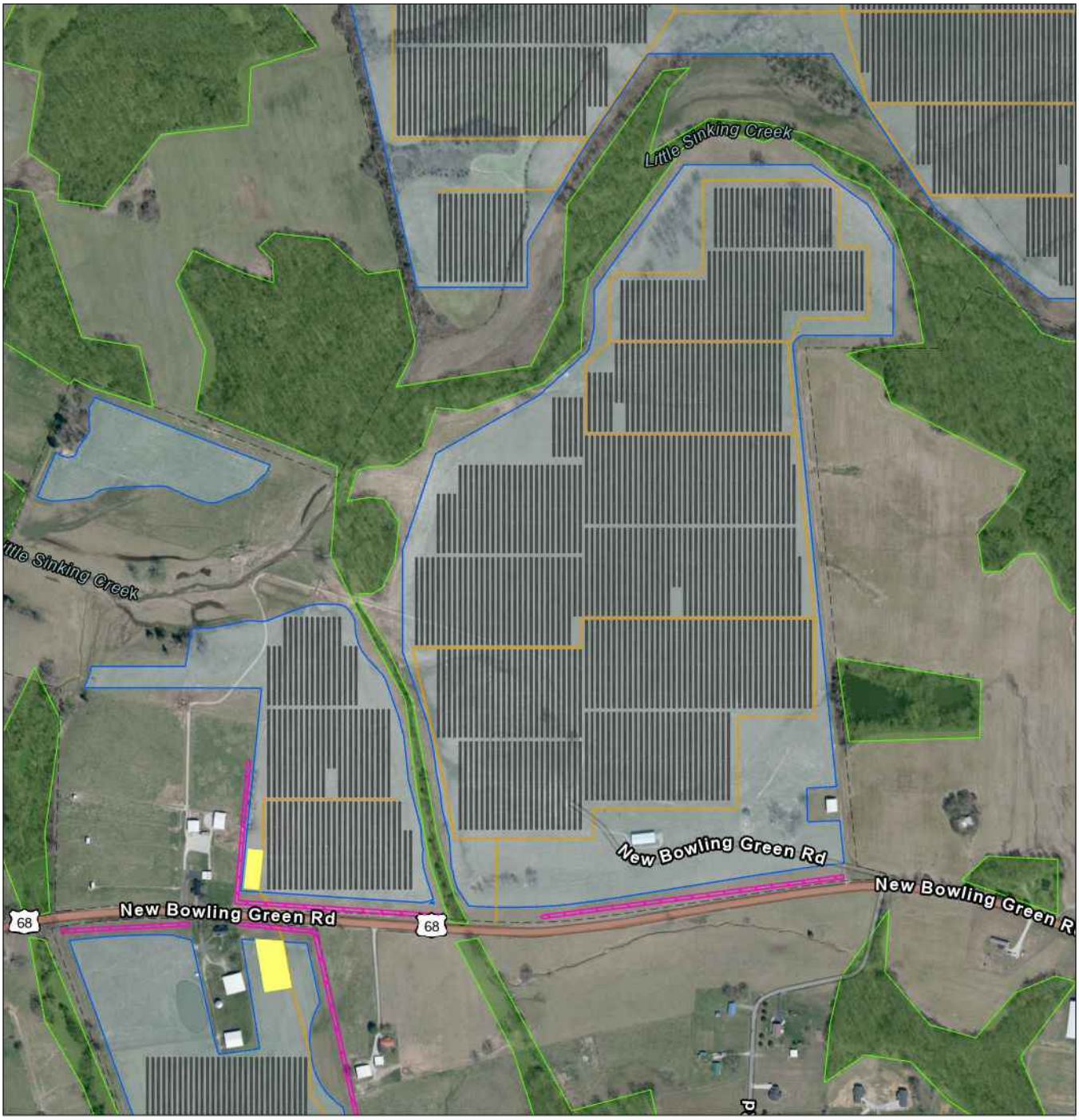
Project Location
Barren County, Kentucky

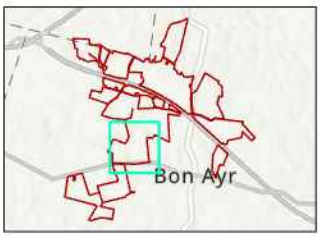
Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan





- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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1:8,000

N

Notes
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2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

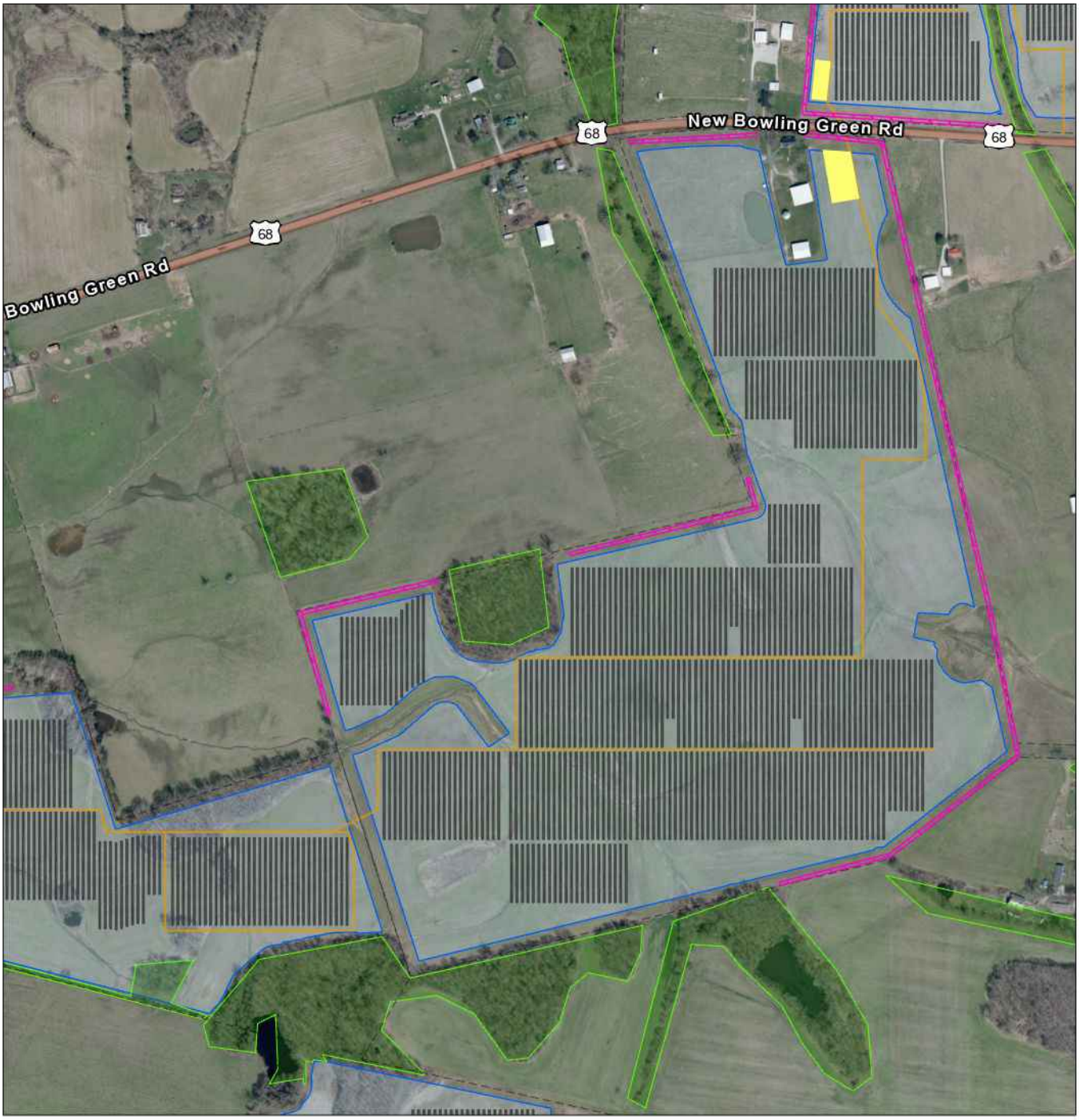
Prepared by KR on 2025-08-14

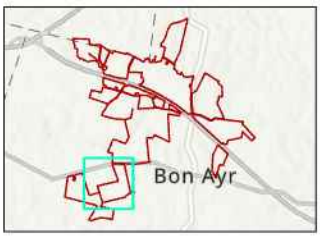
Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio





- Project Parcels
- Buildable Area
- Landscape Screening
- Laydown Areas
- Panels
- Existing Buffer
- Access Roads

0 700 Feet

(At original document size of 8.5x11)
1:8,000

N

Notes
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2. Data Sources: Geenex (2023, 2025)
3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

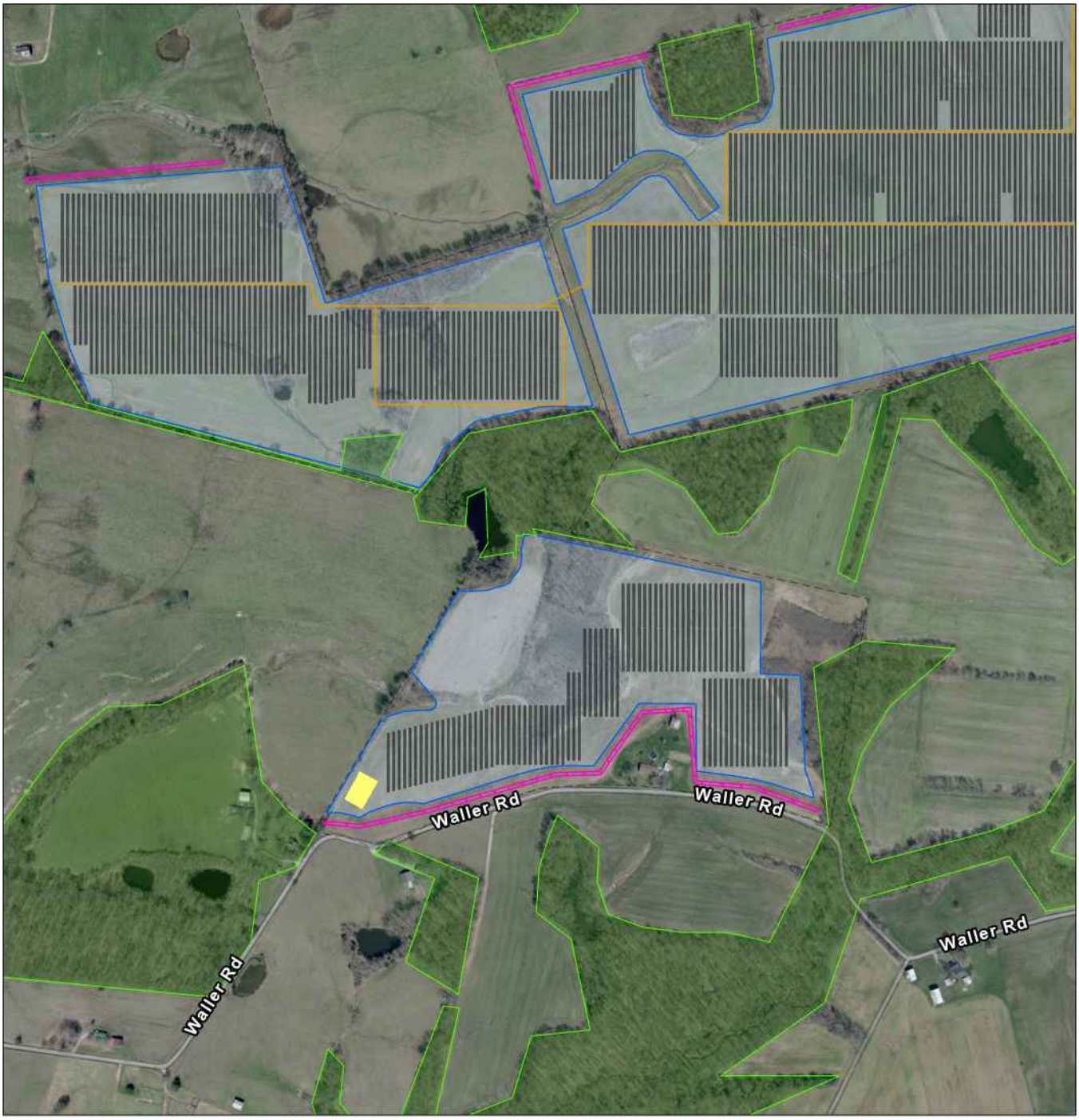
Prepared by KR on 2025-08-14

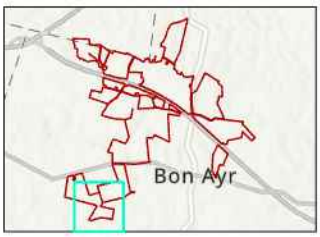
Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio





- Project Parcels
- Buildable Area
- Landscape Screening
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- Panels
- Existing Buffer
- Access Roads

0 700 Feet

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1:8,000

N

Notes
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3. Background: KyFromAbove (2024)

Stantec

Project Location
Barren County, Kentucky

Prepared by KR on 2025-08-14

Client/Project	237801898
Client	Geenex LLC
Project	Wood Duck Solar Project
Report	Landscape Plan

Appendix:
A

Title
Proposed Screening Plan

U:\2353\23530118403_data\gis_cad\ProjectsWithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-15 By: knubio

Request No. 32:

Refer to SAR, Attachment G, Appendix A, C202 Preliminary Landscape Plan map. The location of the Project Substation has been omitted, while the EKPC Substation location is marked by a red rectangle. Provide a revised landscaping plan that includes: (1) the locations of both the Project and EKPC substations; and (2) planned landscape screening between the Project Substation site and the residences in the Bent Creek Drive neighborhood. If no landscape screening is planned for this area, provide an explanation as to why not.

Response:

Please refer to the Project's site plan, Application, Exhibit A. Landscaping the substation is not anticipated due to the height of Project components and existing features surrounding this portion of the site. Additionally, Wood Duck acknowledges that the existing utility substation is visible to the residents of the Bent Creek Drive neighborhood, located east of the Project's substation parcel.

Responding Witness: Chad Martin

Request No. 33:

Refer to Wood Duck Solar's response to Staff's First Request, Item 21, Delivery Roads Attachment. Four of the delivery access points (one each on Apple Grove Rd, Dripping Springs Rd, Mayhew Rd, and New Bowling Green Rd) are not located near Project laydown areas. Explain how and why these delivery access points were chosen.

Response:

Laydown areas are improvements to the existing soils to allow for equipment delivery. This includes truck turn-arounds, off-road forklifts, and temporary material storage. These are located strategically at larger sections of the array for distribution throughout the Project. Smaller arrays do not require separate improvements as deliveries and storage will not be located at these parcels. Material handling will be made with smaller equipment and installed on-site.

Responding Witness: Chad Martin

Request No. 34:

Refer to SAR, Attachment D, Sound Study, Figure 3 and Figure 4. Per the site visit, it was determined that some sound receptors (receptors) are incorrectly marked as participating or non-participating (i.e., SR-114 Woodlawn Church is marked as a participating structure and SR-137 is not marked as a participating structure). Provide:

a. A revised Figure 4 – Operational Noise Contour map with corrected labels for participating/non-participating receptors.

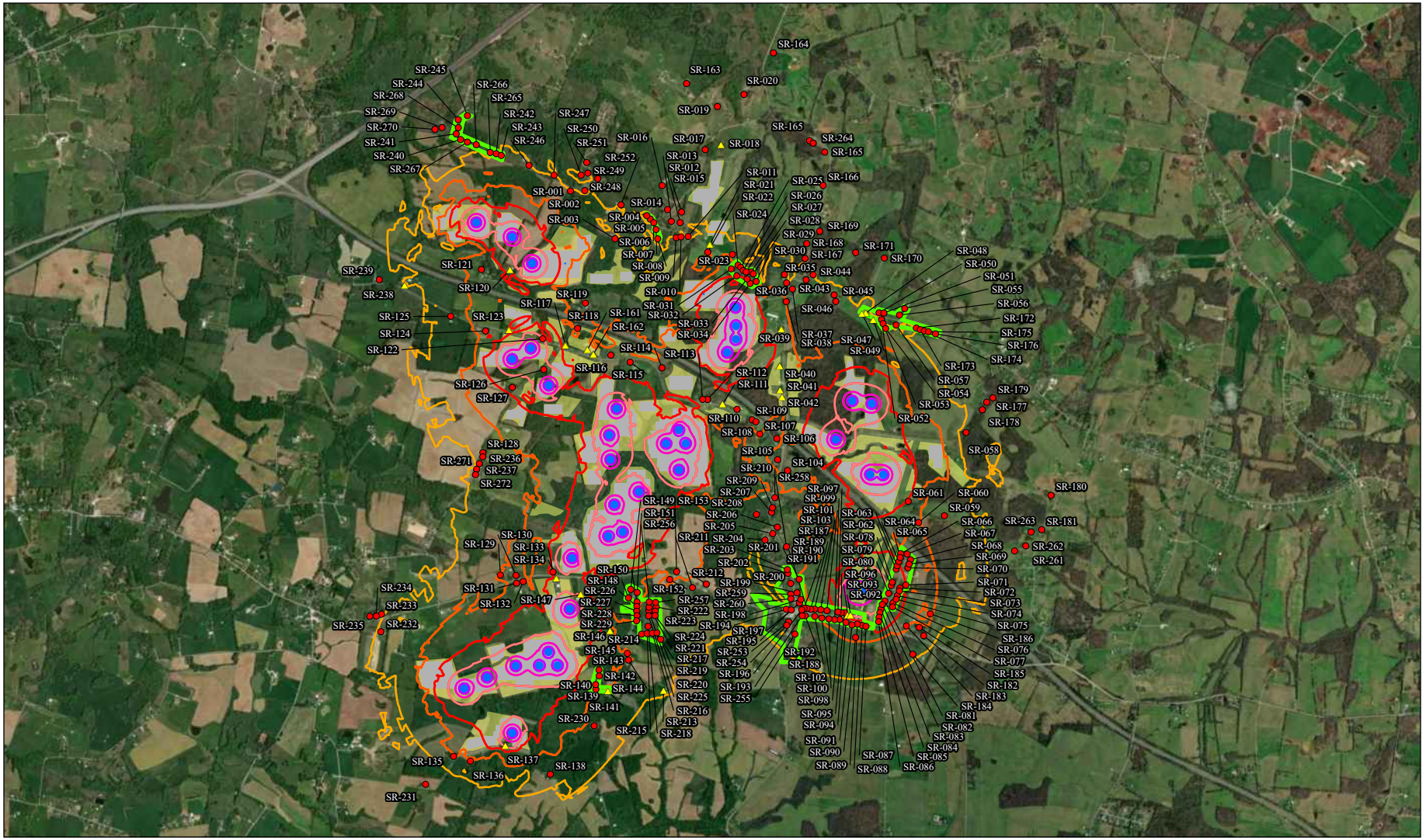
b. A list of the 266 noise sensitive receptors that indicates whether each receptor is participating or non-participating.

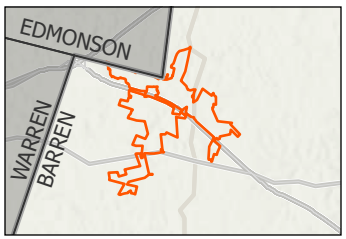
Response:

a. See the attached map and table below.

b. See the Response to Request No. 34(a).

Responding Witness: Chad Martin





Legend

- Project Area
- Participating Receptors
- Non-Participating Receptors
- Residential Neighborhoods
- Inverters
- Substation
- Panels
- 30 dBa
- 35 dBa
- 40 dBa
- 45 dBa
- 50 dBa
- 55 dBa
- 60 dBa

N

0 1,000 2,000 Feet
(At original document size of 8.5x11)
1:53,548

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number	237801898
Client	Geenex
Project	Wood Duck Solar Project
Report	RFI2

Exhibit:
RFI2-34

Title
Noise Contour Map

U:\235312350\11841\03_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-25 By: COHOFFMANN

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-001	33	2,223	14,537	1,131	581,599	4,101,674	218
SR-002	30	2,579	14,298	1,192	581,730	4,101,679	220
SR-003	31	2,587	12,601	480	582,011	4,101,244	224
SR-004	30	3,717	12,682	1,226	582,298	4,101,458	226
SR-005	30	3,676	12,541	1,122	582,330	4,101,427	226
SR-006	29	3,524	12,395	1,015	582,363	4,101,395	223
SR-007	30	3,334	12,186	814	582,384	4,101,333	224
SR-008	30	3,106	11,917	544	582,400	4,101,248	224
SR-009	31	2,744	11,685	875	582,568	4,101,261	226
SR-010	31	2,671	11,640	841	582,612	4,101,269	226
SR-011	30	2,555	11,557	627	582,677	4,101,273	226
SR-012	29	3,034	12,035	759	582,603	4,101,399	223
SR-013	29	3,214	12,183	989	582,522	4,101,408	224
SR-014	28	3,567	12,550	1,020	582,486	4,101,516	217
SR-015	28	3,282	12,302	630	582,614	4,101,495	219
SR-016	27	4,258	13,266	1,157	582,434	4,101,734	221
SR-017	24	4,809	13,770	424	582,822	4,102,067	200
SR-018	**24**	**4,888**	**13,763**	**522**	**582,966**	**4,102,114**	**206**
SR-019	22	6,037	14,891	1,666	582,928	4,102,462	202
SR-020	21	6,379	15,044	2,143	583,168	4,102,575	206
SR-021	**32**	**2,034**	**11,069**	**143**	**582,876**	**4,101,202**	**228**
SR-022	35	1,853	10,884	328	582,858	4,101,132	229
SR-023	34	1,591	10,544	449	583,083	4,101,115	228
SR-024	33	1,267	10,184	679	583,135	4,101,017	227
SR-025	34	1,209	10,093	697	583,161	4,100,998	228
SR-026	36	1,128	9,981	706	583,183	4,100,969	230
SR-027	38	1,108	9,913	692	583,210	4,100,957	232

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-029	38	1,138	9,789	635	583,277	4,100,941	233
SR-030	37	991	9,543	408	583,303	4,100,871	234
SR-031	38	1,161	10,152	463	583,073	4,100,983	230
SR-032	40	945	9,896	465	583,125	4,100,919	230
SR-033	40	920	9,704	483	583,220	4,100,893	233
SR-034	41	835	9,544	343	583,248	4,100,851	234
SR-035	32	1,760	9,519	1,083	583,560	4,100,937	234
SR-036	33	1,691	9,261	1,025	583,580	4,100,861	235
SR-037	34	1,787	9,045	1,002	583,634	4,100,807	237
SR-038	35	1,523	8,718	948	583,579	4,100,691	236
SR-039	**37**	**1,361**	**7,961**	**791**	**583,539**	**4,100,440**	**234**
SR-040	**39**	**1,535**	**6,925**	**753**	**583,530**	**4,100,104**	**234**
SR-041	**37**	**1,941**	**6,240**	**696**	**583,535**	**4,099,883**	**234**
SR-042	**38**	**2,053**	**6,028**	**624**	**583,554**	**4,099,821**	**235**
SR-043	32	2,265	9,239	880	583,758	4,100,892	236
SR-044	31	2,517	9,359	931	583,822	4,100,939	234
SR-045	31	2,971	8,694	311	584,016	4,100,758	233
SR-046	32	3,002	8,495	189	584,031	4,100,698	231
SR-047	**32**	**2,630**	**8,114**	**587**	**584,270**	**4,100,590**	**233**
SR-048	**32**	**2,669**	**8,141**	**667**	**584,306**	**4,100,598**	**232**
SR-049	**32**	**2,512**	**7,947**	**691**	**584,376**	**4,100,536**	**232**
SR-050	29	2,733	8,168	947	584,427	4,100,600	230
SR-051	29	2,740	8,174	1,060	584,471	4,100,598	229
SR-052	32	2,535	7,969	850	584,450	4,100,538	232
SR-053	30	2,426	7,859	753	584,465	4,100,502	231
SR-054	30	2,290	7,718	647	584,489	4,100,457	232
SR-055	28	3,019	8,397	1,466	584,660	4,100,642	229

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-056	29	2,781	8,176	1,212	584,613	4,100,582	230
SR-057	30	2,465	7,864	919	584,583	4,100,490	231
SR-058	29	2,784	5,519	833	585,235	4,099,519	228
SR-059	33	2,199	3,174	862	585,048	4,098,757	236
SR-060	35	1,772	2,496	861	584,813	4,098,692	232
SR-061	38	1,086	2,870	344	584,716	4,098,884	236
SR-062	41	2,845	1,047	2,006	584,614	4,098,264	229
SR-063	41	2,747	1,127	1,906	584,622	4,098,295	230
SR-064	40	2,632	1,246	1,785	584,637	4,098,334	230
SR-065	39	2,522	1,354	1,672	584,649	4,098,370	230
SR-066	39	2,411	1,441	1,558	584,652	4,098,406	230
SR-067	38	2,473	1,580	1,613	584,713	4,098,403	230
SR-068	38	2,664	1,564	1,804	584,744	4,098,352	230
SR-069	38	2,777	1,457	1,918	584,731	4,098,311	230
SR-070	39	2,876	1,376	2,018	584,721	4,098,277	229.5
SR-071	40	3,361	1,181	2,509	584,704	4,098,121	223.5
SR-072	41	3,420	998	2,578	584,650	4,098,092	225.1
SR-073	41	3,501	988	2,661	584,646	4,098,066	226.7
SR-074	42	3,637	952	2,801	584,627	4,098,022	228.3
SR-075	42	3,739	949	2,906	584,618	4,097,989	228.3
SR-076	42	3,840	882	3,014	584,588	4,097,955	229.5
SR-077	42	3,959	909	3,134	584,586	4,097,919	230.6
SR-078	43	3,220	788	2,394	584,580	4,098,144	223.5
SR-079	44	3,318	740	2,494	584,570	4,098,114	224.6
SR-080	44	3,548	683	2,730	584,548	4,098,042	228.6
SR-081	45	3,771	633	2,955	584,514	4,097,972	230.0
SR-082	45	3,876	597	3,061	584,491	4,097,940	230.6

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-084	44	4,124	688	3,308	584,470	4,097,864	233.1
SR-085	43	4,260	779	3,443	584,463	4,097,823	235
SR-086	42	4,390	883	3,573	584,460	4,097,783	236
SR-087	38	4,543	918	3,726	584,345	4,097,738	236
SR-088	39	4,520	892	3,709	584,310	4,097,746	237
SR-089	39	4,488	873	3,684	584,266	4,097,758	238
SR-090	36	4,891	1,275	4,088	584,251	4,097,636	236
SR-091	38	4,530	938	3,736	584,218	4,097,750	238
SR-092	**41**	**4,241**	**663**	**3,453**	**584,204**	**4,097,840**	**240**
SR-093	**41**	**4,260**	**691**	**3,478**	**584,177**	**4,097,838**	**239**
SR-094	38	4,481	912	3,699	584,162	4,097,772	237
SR-095	41	4,202	648	3,428	584,150	4,097,860	238
SR-096	39	4,220	692	3,455	584,119	4,097,860	238
SR-097	39	4,221	731	3,465	584,088	4,097,866	238
SR-098	37	4,431	894	3,665	584,106	4,097,798	237
SR-099	37	4,468	975	3,714	584,059	4,097,796	236
SR-100	36	4,491	1,065	3,754	584,006	4,097,802	235
SR-101	37	4,271	946	3,547	583,988	4,097,877	238
SR-102	35	4,531	1,203	3,813	583,942	4,097,809	234
SR-103	35	4,305	1,091	3,601	583,931	4,097,885	237
SR-104	37	1,717	3,968	1,090	583,612	4,099,150	230
SR-105	36	1,842	4,402	1,001	583,520	4,099,248	230
SR-106	35	1,766	4,962	775	583,510	4,099,441	227
SR-107	35	2,233	5,334	1,284	583,354	4,099,480	225
SR-108	35	2,200	5,708	1,402	583,318	4,099,591	227
SR-109	36	2,108	5,818	1,391	583,282	4,099,609	226
SR-110	38	1,720	6,327	976	583,144	4,099,703	228

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Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-111	**39**	**1,526**	**6,706**	**664**	**583,012**	**4,099,750**	**224**
SR-112	40	1,252	7,086	523	582,873	4,099,789	222
SR-113	39	1,161	7,181	411	582,829	4,099,789	219
SR-114	39	1,826	8,688	348	582,455	4,100,071	224
SR-115	39	1,451	9,469	630	582,163	4,100,120	224
SR-116	38	1,614	10,032	360	581,986	4,100,181	225
SR-117	**39**	**1,041**	**11,238**	**151**	**581,572**	**4,100,264**	**218**
SR-118	36	1,520	11,304	295	581,680	4,100,421	214
SR-119	33	1,988	11,667	630	581,748	4,100,652	209
SR-120	**43**	**686**	**13,984**	**491**	**581,057**	**4,100,951**	**200**
SR-121	38	1,340	14,628	684	580,796	4,100,947	206
SR-122	45	454	11,895	323	581,363	4,100,322	214
SR-123	**39**	**857**	**12,861**	**351**	**581,055**	**4,100,400**	**212**
SR-124	39	1,160	13,411	630	580,842	4,100,386	212
SR-125	32	2,242	14,522	1,388	580,522	4,100,517	206
SR-126	46	500	11,323	267	581,377	4,100,043	218
SR-127	42	843	11,832	397	581,093	4,099,875	207
SR-128	31	2,816	11,818	1,246	580,831	4,099,277	210
SR-129	35	2,207	10,562	1,561	581,006	4,098,162	222
SR-130	36	1,760	10,097	1,172	581,148	4,098,161	222
SR-131	36	1,769	10,069	1,021	581,155	4,098,091	220
SR-132	36	1,617	9,872	888	581,215	4,098,106	217
SR-133	41	704	8,994	303	581,486	4,098,197	224
SR-134	**42**	**762**	**8,881**	**273**	**581,518**	**4,098,140**	**224**
SR-135	35	1,887	12,913	495	580,601	4,096,503	221
SR-136	34	1,505	12,505	371	580,755	4,096,462	223
SR-137	**46**	**430**	**11,362**	**243**	**581,072**	**4,096,606**	**228**

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-138	34	1,677	10,559	1,138	581,486	4,096,352	227
SR-139	36	1,345	8,217	728	581,891	4,097,131	229
SR-140	37	1,270	8,175	649	581,888	4,097,175	229
SR-141	**35**	**1,681**	**7,902**	**1,061**	**582,000**	**4,097,118**	**229**
SR-142	36	1,281	7,989	694	581,920	4,097,254	226
SR-143	37	1,241	7,943	657	581,916	4,097,309	223
SR-144	35	2,123	7,013	1,529	582,184	4,097,403	228
SR-145	35	2,117	6,989	1,498	582,173	4,097,463	228
SR-146	**36**	**1,372**	**7,355**	**957**	**582,013**	**4,097,667**	**223**
SR-147	**45**	**546**	**8,147**	**359**	**581,741**	**4,097,995**	**221**
SR-148	38	1,789	6,719	882	582,177	4,097,969	226
SR-149	39	1,722	6,653	634	582,195	4,098,047	224
SR-150	36	2,022	6,469	1,009	582,255	4,097,933	226
SR-151	37	1,862	6,455	725	582,256	4,098,020	224
SR-152	36	2,000	5,498	999	582,550	4,098,142	228
SR-153	36	2,001	5,316	1,122	582,612	4,098,214	229
SR-154	38	1,578	10,656	83	581,773	4,100,228	223
SR-155	38	1,630	10,437	141	581,827	4,100,188	224
SR-156	21	6,859	15,822	2,472	582,644	4,102,668	202
SR-157	19	7,702	16,101	3,631	583,433	4,102,958	206
SR-158	23	5,358	12,978	2,948	583,912	4,102,059	219
SR-159	23	5,459	13,359	2,580	583,772	4,102,162	220
SR-160	24	4,491	11,985	2,888	583,901	4,101,755	207
SR-161	**30**	**2,541**	**9,875**	**1,470**	**583,746**	**4,101,086**	**228**
SR-162	**29**	**2,858**	**10,309**	**1,881**	**583,759**	**4,101,222**	**228**
SR-163	27	3,394	10,630	2,195	583,876	4,101,337	222
SR-164	26	4,377	9,812	2,096	584,468	4,101,100	220

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-165	27	3,947	9,938	1,730	584,206	4,101,146	225
SR-166	30	2,630	7,894	1,367	584,768	4,100,465	227
SR-167	29	2,651	7,876	1,457	584,805	4,100,451	226
SR-168	29	2,687	7,868	1,558	584,842	4,100,439	224
SR-169	28	2,742	7,877	1,668	584,879	4,100,433	224
SR-170	28	2,831	7,871	1,858	584,944	4,100,414	223
SR-171	27	3,441	6,615	1,876	585,420	4,099,797	224
SR-172	28	3,314	6,354	1,626	585,380	4,099,728	224
SR-173	27	3,630	6,827	2,101	585,475	4,099,838	223
SR-174	27	5,054	6,173	3,377	586,017	4,098,955	241
SR-175	25	5,012	5,519	3,523	585,935	4,098,641	237
SR-176	31	4,959	2,142	4,102	584,873	4,097,660	234
SR-177	38	4,571	1,549	3,726	584,713	4,097,747	236
SR-178	31	5,438	2,274	4,591	584,776	4,097,489	234
SR-179	33	4,687	1,896	3,831	584,831	4,097,735	234
SR-180	35	4,389	2,048	3,528	584,931	4,097,860	231
SR-181	34	4,355	1,249	3,672	583,875	4,097,889	235
SR-182	34	4,555	1,344	3,861	583,878	4,097,823	234
SR-183	34	4,404	1,356	3,733	583,840	4,097,888	235
SR-184	34	4,427	1,454	3,770	583,806	4,097,895	235
SR-185	34	4,464	1,536	3,817	583,779	4,097,895	234
SR-186	33	4,650	1,588	3,987	583,790	4,097,828	233
SR-187	33	4,689	1,671	4,035	583,762	4,097,827	232
SR-188	32	4,748	2,058	4,154	583,616	4,097,885	230
SR-189	33	4,688	1,919	4,080	583,662	4,097,880	232
SR-190	33	4,536	1,617	3,894	583,758	4,097,881	234
SR-191	34	4,382	1,628	3,762	583,737	4,097,945	234

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Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-192	34	4,272	1,575	3,655	583,748	4,097,977	234
SR-193	34	4,159	1,675	3,566	583,713	4,098,036	237
SR-194	33	4,034	1,885	3,474	583,654	4,098,121	236
SR-195	35	3,783	1,660	3,210	583,731	4,098,160	241
SR-196	32	3,846	2,032	3,318	583,627	4,098,213	234
SR-197	33	3,773	2,077	3,256	583,622	4,098,246	235
SR-198	32	3,316	3,010	2,311	583,414	4,098,514	218
SR-199	32	3,387	2,901	2,398	583,484	4,098,573	217
SR-200	32	3,151	2,893	2,402	583,526	4,098,632	215
SR-201	32	2,907	3,307	2,036	583,471	4,098,766	217
SR-202	34	2,669	3,626	1,666	583,333	4,098,746	226
SR-203	32	2,785	3,380	2,008	583,478	4,098,809	221
SR-204	34	2,520	3,544	1,984	583,499	4,098,901	226
SR-205	33	2,672	4,803	1,724	582,760	4,098,070	230
SR-206	32	2,947	4,396	2,086	582,885	4,098,104	230
SR-207	31	3,258	6,379	2,661	582,509	4,097,127	234
SR-208	33	2,278	6,446	1,898	582,300	4,097,640	223
SR-209	34	2,428	6,280	1,971	582,351	4,097,647	225
SR-210	34	2,576	6,122	1,987	582,399	4,097,651	226
SR-211	34	2,705	5,986	2,011	582,441	4,097,654	227
SR-212	34	2,400	6,214	1,764	582,358	4,097,712	224
SR-213	**34**	**2,865**	**5,922**	**2,227**	**582,475**	**4,097,596**	**228**
SR-214	35	2,368	6,131	1,308	582,364	4,097,855	225
SR-215	35	2,374	6,116	1,211	582,366	4,097,887	225
SR-216	34	2,457	5,904	1,276	582,430	4,097,890	225
SR-217	35	2,561	5,940	1,381	582,423	4,097,852	227
SR-218	35	2,563	5,958	1,502	582,422	4,097,812	228

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Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-219	35	2,370	6,152	1,457	582,363	4,097,808	226
SR-220	36	2,010	6,479	1,143	582,254	4,097,892	226
SR-221	35	2,005	6,494	1,287	582,253	4,097,849	225
SR-222	35	2,022	6,499	1,419	582,256	4,097,808	224
SR-223	34	2,030	6,529	1,572	582,253	4,097,762	223
SR-224	34	2,106	8,707	1,558	581,879	4,096,799	230
SR-225	28	3,013	14,015	1,664	580,349	4,096,245	220
SR-226	30	3,021	14,174	1,487	579,923	4,097,631	215
SR-227	29	3,330	14,121	1,843	579,927	4,097,791	215
SR-228	29	3,408	14,275	1,900	579,881	4,097,773	214
SR-229	28	3,557	14,472	2,035	579,821	4,097,770	214
SR-230	31	2,907	11,777	1,349	580,832	4,099,239	211
SR-231	30	3,128	11,813	1,576	580,801	4,099,176	208
SR-232	30	2,856	16,180	1,865	580,098	4,100,792	205
SR-233	29	3,370	16,910	2,259	579,867	4,100,842	206
SR-234	28	2,526	17,799	1,856	580,590	4,102,130	200
SR-235	27	2,721	18,012	2,028	580,550	4,102,181	200
SR-236	29	2,142	16,782	1,622	580,917	4,102,005	206
SR-237	31	2,139	16,645	1,654	580,963	4,101,989	208
SR-238	**25**	**3,125**	**18,294**	**2,452**	**580,567**	**4,102,311**	**194**
SR-239	25	3,210	18,209	2,573	580,651	4,102,349	195
SR-240	30	2,202	15,895	1,551	581,218	4,101,902	212
SR-241	31	2,237	15,210	1,620	581,447	4,101,817	216
SR-242	26	3,100	14,385	1,599	581,846	4,101,790	215
SR-243	28	2,963	14,684	1,718	581,755	4,101,839	220
SR-244	31	2,773	14,745	1,639	581,694	4,101,820	222
SR-245	27	3,153	14,971	2,035	581,743	4,101,936	216

*Bolded rows are participating Sound Receptors

Receptor ID	Sound Level (dBA Leq)	Distance to Inverter (ft)	Distance to Substation (ft)	Distance to Panel (ft)	X, UTM 16 (m)	Y, UTM 16 (m)	Z, UTM 16 (m)
SR-246	29	3,183	13,354	1,229	582,061	4,101,554	220
SR-247	32	5,038	2,115	4,414	583,640	4,097,770	231
SR-248	32	5,153	2,208	4,528	583,623	4,097,739	231
SR-249	32	5,279	2,135	4,616	583,698	4,097,659	234
SR-250	34	2,239	6,105	1,060	582,366	4,097,935	223
SR-251	34	2,327	5,914	1,147	582,424	4,097,931	223
SR-252	33	3,306	2,347	2,733	583,611	4,098,455	228
SR-253	33	4,298	1,863	3,718	583,656	4,098,022	236
SR-254	33	4,406	1,866	3,818	583,658	4,097,982	234
SR-255	28	4,538	4,565	3,159	585,691	4,098,444	236
SR-256	28	4,760	4,925	3,370	585,792	4,098,491	237
SR-257	27	4,738	5,197	3,297	585,839	4,098,619	238
SR-258	23	5,435	13,272	2,666	583,806	4,102,139	222
SR-259	29	2,136	16,926	1,581	580,863	4,102,015	205
SR-260	28	2,327	17,372	1,709	580,734	4,102,084	202
SR-261	27	2,421	17,607	1,781	580,653	4,102,107	200
SR-262	26	2,887	18,110	2,210	580,568	4,102,237	198
SR-263	28	3,019	18,434	2,264	580,421	4,102,237	202
SR-264	26	3,050	18,539	2,267	580,356	4,102,220	199
SR-265	30	3,308	11,840	1,762	580,777	4,099,125	206
SR-266	30	3,454	11,824	1,919	580,767	4,099,075	206

*Bolded rows are participating Sound Receptors

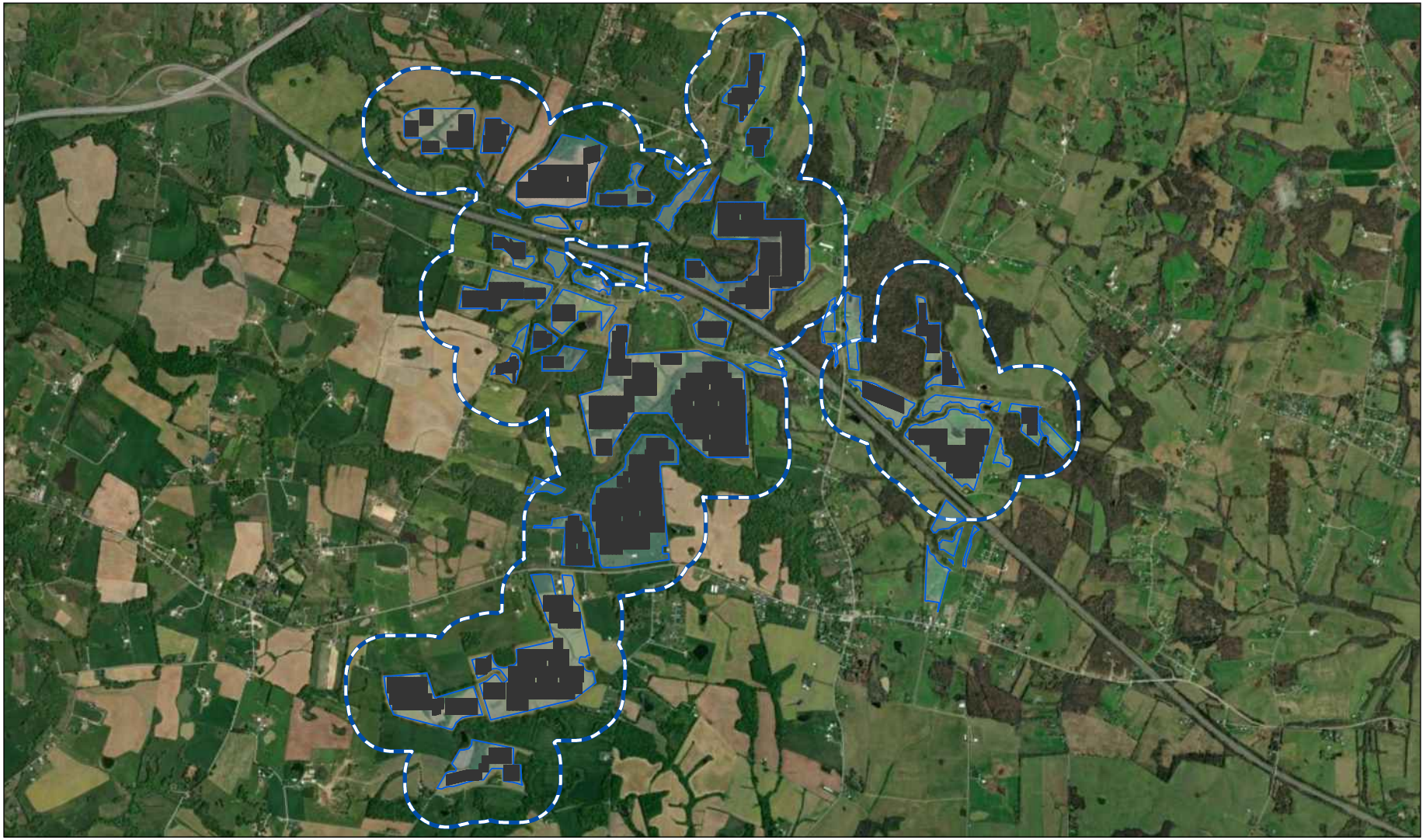
Request No. 35:

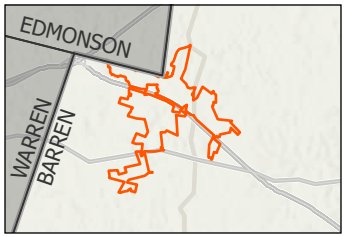
Refer to Wood Duck Solar's response to Staff's First Request, Item 87, the Construction Noise Buffer Attachment. Provide a revised Construction Noise Contour Map that includes noise sensitive receptors; participating structures; and Project components (PV layout, inverters, substation, fence line), with noise contours marked in 5 dBA increments from 40 dBA and greater indicating the "worst case" dBA Leg levels during construction.

Response:

See the attached map showing an estimated 55 dBA construction noise contour. Construction noise cannot be modeled using incremental contours due to noise sources (pile drivers, trucks, tractors, etc.) constantly moving throughout the Project site on a daily basis. The noise will fluctuate constantly due to moving noise sources. Noise will increase at adjacent receptors when construction equipment is working near the perimeter and will decrease as work moves inward and away from the Project's boundary. Stantec modeled construction noise from three pile drivers working in close proximity to each other and determined that a 55 dBA contour line is approximately 1,000 feet from the source.

Responding Witness: Chad Martin





Legend

- Project Area
- Panels
- Construction Noise 55 dBa Contour

N

0 500 1,000
Feet
(At original document size of 8.5x11)
1:43,000

Notes

1. Coordinate System: NAD 1983 StatePlane Kentucky FIPS 1600 Feet

2. Data Sources: Wood Duck Solar Layout, USGS National Structures Dataset

3. Background: KyFromAbove Orthoimagery (2021)

Stantec

Project Location
Smiths Grove/Glasgow
Barren Counties, Kentucky

Prepared by CRH on 2025-08-21

Client/Project Number	237801898
Client	Geenex
Project	Wood Duck Solar Project
Report	RFI2

Exhibit:
Q35

Title
Noise Buffer Map

U:\235312350\11841\03_data\gis_cad\Projects\WithoutPN\Wood Duck\Wood Duck.aprx Revised: 2025-08-22 By: COHOFFMANN

Request No. 36:

Refer to Wood Duck Solar's response to Staff's First Request, Item 87. Provide a sound model results table for all 266 noise sensitive receptors indicating the "worst case" dBA Leq levels during construction. Include the receptor IDs, sound levels (dBA Leq), and distances in feet to inverters, substations, and panels and indicate whether each receptor is participating or non-participating in a separate column.

Response:

See the Response to Request No. 35 above. A "worst case" model cannot be reliably produced due to the many variables affecting noise at any single receptor. The table attached to Response No. 35 represents the cumulative noise levels at each receptor and includes the distance of each Project component with participating properties indicated in bolded font. The closest nonparticipating properties to Project components are denoted in the table below. These setbacks conform to the local county requirements.

Receptor #	**Project Component**	**Distance**
SR-154	Panel	83 feet
SR-122	Inverter	454 feet
SR-082	Substation	597 feet

Responding Witness: Chad Martin

Request No. 37:

During the Site Visit, it was indicated that several residences/structures along Oak Grove Church Rd south of Area #12 will be relocated prior to Project construction. Provide a map and identify any existing residences or structures on participating parcels that will be removed or relocated to allow for Project construction. Identify if each relocated structure will be moved outside of the Project area.

Response:

See attached image of the structures intended for relocation circled in red. The landowner has communicated to the Project his intent to relocate the structures outside of the Project area, though Wood Duck cannot guarantee the actual relocation of these structures.

Responding Witness: Aerin Garczyk


rove Church Rd
Oak Grove Church Rd
Oak Grove Church Rd
Oak Grove Church Rd
Oak Grove Church Rd
Oak Grove Church Rd
COOK MARQUITA BELLAMY
ibutors, Commonwealth of Kentucky, © OpenStreetMap, Microsoft, Esri, TomTom, Garmin, SafeGraph, GeoTechnologies, Inc, M
ISA, USGS, EPA, NPS, US Census Bureau, USDA, USFWS
Powered by

Request No. 38:

As observed during the site visit, a narrow bridge in poor condition exists on R. Crump Rd, south of the indicated Access Point for Areas 15 & 16. Explain the plan for use of this bridge for access and deliveries given the observed condition and identify alternative delivery routes to Areas 15 & 16 during Project construction.

Response:

Due to the condition of the bridge on R. Crump Road, which is maintained by Barren County, the Project will use alternative routes to access the laydown yard and arrays in that area. The Project will use Millstown Road via Fairview Church Road to access the array to the west of Millstown Road. The Project will use R. Crump Road via Fairview Church Road to access the arrays on either side of R. Crump Road while avoiding the narrow bridge in question.

Responding Witness: Aerin Garczyk

Request No. 39:

Provide details of any communications to date between Project representatives and representatives of the local Amish community, i.e., community elders. If none have occurred, indicate any plans for outreach prior to Project construction.

Response:

Wood Duck representatives met with an Amish gentleman, Enos Gingrich, in 2023 at his home. Representatives discussed the Project in general with Mr. Gingrich and the potential of having a sheep grazing program, to which Mr. Gingrich expressed interest in participating as a rancher for the program. In 2025, Mr. Gingrich began making threatening phone calls to Project representatives and leaving them vulgar voicemails. Following police involvement with Mr. Gingrich, Wood Duck representatives have not had further contact from Mr. Gingrich. Also in 2023, Wood Duck representatives met with one other Amish family during Wood Duck's door knocking campaign on Fairview Church Road, ultimately purchasing honey from the family. The family's name was not documented. Ura Yoder is an Amish man that purchased land from a participating Project landowner, Michael Baise. Wood Duck is unaware of any other interactions with the Amish community and do not have knowledge of where other Amish members reside.

Responding Witness: Aron Caudill

Request No. 40:

Refer to the public comment titled 20250728_Margie Dawsey PublicComment.pdf filed on July 29, 2025. Provide a response to the commentors' assertions that the Project will negatively impact the local Amish community, including their ability to hunt for deer and the health of their lands.

Response:

Wood Duck has designed the Project with the surrounding environment in mind. The Project will install agricultural style fencing that will be broken into segments to provide wildlife corridors and promote wildlife activity. Post-construction, the Project will establish a pollinator-friendly habitat, which will mimic a prairie-like setting and remain for the life of the Project. The Project will be entirely sited on private property pursuant to lease agreements executed with participating landowners. As such, these lands have not been open to public hunting and will continue to be unavailable for public hunting.

Responding Witness: Aerin Garczyk

Request No. 41:

Refer to the public comment titled 20250721Multiple Public Comments.pdf filed on July 21, 2025, pages 63-64 and public comment titled 20250724_Response E-Mail to Gwynne Aidala.pdf, filed July 24, 2025. Provide a response to the commentors' assertions that the Applicant has not adequately communicated about public opportunities to comment on the Project.

Response:

Please refer to Section VI of the Application. The Applicant has endeavored to be transparent regarding the specifics of the proposed Project through establishment of a Project website and holding multiple, publicly noticed meetings in connection with its construction certificate application, including the Project's public information meeting. The Project also obtained approvals from the Joint City-County Planning Commission of Barren County pursuant to a publicly noticed hearing on Wood Duck's variance and development plan applications. In addition, the Project has openly participated in multiple sponsorships, door-knocking campaigns, and other efforts to engage the Barren County community since 2019.

Responding Witness: Aerin Garczyk

Request No. 42:

Provide details of any communications to date between Project representatives and representatives of the Woodlawn Church. If none have occurred, indicate any plans for outreach prior to Project construction.

Response:

In March 2023, Project representatives met with the church pastor's wife as the pastor, Darin Love, was not available. The Project provided Mrs. Love with general information about the Project and its desires to keep neighbors informed as Project development progresses. Although Mrs. Love indicated she would convey her conversation with Project representatives to Mr. Love, including any follow up communications, to date the Project has not had further communications with Mr. Love or other representatives of Woodlawn Church.

Responding Witness: Aerin Garczyk

Request No. 43:

Provide the total number of gates in the perimeter fencing surrounding the module clusters and explain how each gate in the perimeter fencing will be secured.

Response:

The Project's site plan includes 38 gates in the perimeter fencing that will each be secured with a lock and knox box.

Responding Witness: Aerin Garczyk