



North Carolina Department of Administration

Pat McCrory, Governor

Bill Daughtridge, Jr., Secretary

May 11, 2015

Ms. Gail Mount
North Carolina Department of Commerce
Utilities Commission
4325 Mail Service Center
Raleigh, NC 27699-4325

Re: SCH File # 15-E-4600-0545; Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co. Docket #SP-5196 Sub 0.

Dear Ms. Mount:

The above referenced environmental impact information has been reviewed through the State Clearinghouse under the provisions of the North Carolina Environmental Policy Act.

Attached to this letter are comments made in the review of this document. Because of the nature of the comments, it has been determined that no further State Clearinghouse review action on your part is needed for compliance with the North Carolina Environmental Policy Act. The attached comments should be taken into consideration in project development.

Sincerely,

A handwritten signature in cursive script that reads "Crystal Best".

Crystal Best
State Environmental Review Clearinghouse

Attachments

cc: Region P

Mailing Address:
1301 Mail Service Center
Raleigh, NC 27699-1301

Telephone: (919)807-2425
Fax (919)733-9571
State Courier #51-01-00
e-mail state.clearinghouse@doa.nc.gov

Location Address:
116 West Jones Street
Raleigh, North Carolina



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

MEMORANDUM

TO: Crystal Best
State Clearinghouse

FROM: Lyn Hardison *Lyn*
Division of Environmental Assistance and Customer Service
Permit Assistance & Project Review Coordinator

RE: 15-0545
Environmental Review –Application of Lane Solar Farm, LLC for Certificate to construct a
4.99 MW Solar Photovoltaic Electric Generating Facility
Wayne County

Date: May 6, 2015

The Department of Environment and Natural Resources has completed its review of the proposal for the referenced project. Based on the information provided, several of our agencies have identified permits that may be required. The agencies have offered some valuable guidance to be performed prior to application submittals and ground disturbance which will help reduce any impacts to the natural resources within the project area. The comments are attached for the applicant review.

If the applicant has any questions pertaining to NCDENR permitting processes, please ask them to contact Lyn Hardison, Permit Assistance Coordinator, in the Department's Washington Regional Office, (252)948-3842. The proposed project is located within his geographic working territory.

Thank you for the opportunity to respond.

Attachment



◆ North Carolina Wildlife Resources Commission ◆

Gordon Myers, Executive Director

MEMORANDUM

TO: Lyn Hardison, Environmental Assistance and SEPA Coordinator
NCDENR Division of Environmental Assistance and Customer Services

FROM: Gabriela Garrison
Eastern Piedmont Coordinator
Habitat Conservation *Gabriela Garrison*

DATE: May 4, 2015

SUBJECT: Comments on Lane Solar Farm, LLC Solar Facility in Wayne County; Project Number 15-0545.

Biologists with the North Carolina Wildlife Resources Commission (NCWRC) have reviewed the proposed project description. Our comments are provided in accordance with certain provisions of the North Carolina Environmental Policy Act (G.S. 113A-1 through 113A-10; 1 NCAC 25) and the Fish and Wildlife Coordination Act (48 Stat. 401, as amended; 16 U.S.C. 661 et seq.).

Lane Solar Farm, LLC proposes to construct a 4.99 MW solar photovoltaic electric generating facility in Wayne County. The facility would be located south of the intersection of Hollowell and Old Smithfield Roads, northwest of Goldsboro. An aerial view of the proposed location suggests the project is sited on both forested and cleared land. Clearing trees from this site and installing solar panels will likely displace wildlife species. Installing solar panels on previously cleared and disturbed land will have less impact and is therefore the preferred option. Solar projects should be sited to avoid impacts to wetlands, streams, riparian buffers and priority wildlife habitat.

Aerial images and maps indicate tributaries to the Neuse River flow south of the project site. The Cherry Research Farm, owned by the NC Department of Agriculture, is located directly south of the project site. The NCWRC offers the following recommendations to minimize impacts to aquatic and terrestrial wildlife resources:

1. Maintain or establish a minimum 100-foot undisturbed, native forested buffer along each side of perennial streams and 50-foot undisturbed, native forested buffer along each side of intermittent streams and wetlands. Forested riparian buffers provide habitat areas and travel corridors for wildlife species. In addition, forested riparian buffers protect water quality by stabilizing stream banks and filtering stormwater runoff.

Mailing Address: Division of Inland Fisheries • 1721 Mail Service Center • Raleigh, NC 27699-1721

Telephone: (919) 707-0220 • **Fax:** (919) 707-0028

May 4, 2015
Lane Solar Farm, LLC
DENR Project No. 15-0545

2. The project footprint should be surveyed for wetlands and streams to ensure there are no impacts to surface waters. In addition to providing wildlife habitat, wetland areas and streams aid in flood control and water quality protection. United States Army Corps of Engineers Section 404 Permits and NC Division of Water Resources Section 401 Certifications are required for any impacts to jurisdictional streams or wetlands.
3. The solar facility will connect to existing utility lines; impacts to wildlife habitat will be minimized by connecting along pathways that do not contain quality wildlife habitat, such as cleared or agricultural land. If additional overhead transmission lines will be installed, measures to minimize impacts to birds should be implemented. These can include increasing line visibility, insulating wires to cover exposed connections and increasing the distance between wires so no contact with ground or other energized wire can be made. For more information see <http://www.fws.gov/birds/documents/powerlines.pdf>.
4. Consider contacting Greg Batts, District Wildlife Biologist, at (919) 269-9731 or greg.batts@ncwildlife.org for information and ideas on establishing vegetation or incorporating other measures that are beneficial for wildlife.
5. If pesticides or chemicals will be used for site maintenance, stormwater runoff from the site should be funneled to bio-retention areas prior to discharge to streams or wetlands. Pesticides, fertilizers and other chemicals should not be used in wetland areas or near streams.
6. Sediment and erosion control measures should be installed prior to any land clearing or construction. The use of biodegradable and wildlife-friendly sediment and erosion control devices is strongly recommended. Silt fencing, fiber rolls and/or other products should have loose-weave netting that is made of natural fiber materials with movable joints between the vertical and horizontal twines. Silt fencing that has been reinforced with plastic or metal mesh should be avoided as it impedes the movement of terrestrial wildlife species. Excessive silt and sediment loads can have detrimental effects on aquatic resources including destruction of spawning habitat, suffocation of eggs and clogging of gills.

Thank you for the opportunity to review and comment on this project. If I can be of further assistance, please contact me at (910) 409-7350 or gabriela.garrison@ncwildlife.org.

ec: Greg Batts, NCWRC

State of North Carolina
Department of Environment and Natural Resources
INTERGOVERNMENTAL REVIEW - PROJECT COMMENTS

Reviewing Office: Washington

Project Number 15-0545 Due Date: 5/4/2015
County Wayne

After review of this project it has been determined that the ENR pennit(s) and/or approvals indicated may need to be obtained in order for this project to comply with North Carolina Law. Questions regarding these permits should be addressed to the Regional Office indicated on the reverse of the form. All applications, information and guidelines relative to these plans and permits are available from the same Regional Office.

	PERMITS	SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	Normal Process Time (statutory time limit)
<input type="checkbox"/>	Permit to construct & operate wastewater treatment facilities, sewer system extensions & sewer systems not discharging into state surface waters.	Application 90 days before begin construction or award of construction contracts. On-site inspection. Post-application technical conference usual.	30 days (90 days)
<input type="checkbox"/>	NPDES - permit to discharge into surface water and/or permit to operate and construct wastewater facilities discharging into state surface waters.	Application 180 days before begin activity. On-site inspection. Pre-application conference usual. Additionally, obtain permit to construct wastewater treatment facility-granted after NPDES. Reply time, 30 days after receipt of plans or issue of NPDES permit-whichever is later.	90-120 days (N/A)
<input type="checkbox"/>	Water Use Permit	Pre-application technical conference usually necessary	30 days (N/A)
<input type="checkbox"/>	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a well.	7 days (15 days)
<input type="checkbox"/>	Dredge and Fill Permit	Application copy must be served on each adjacent riparian property owner. On-site inspection. Pre-application conference usual. Filling may require Easement to Fill from N.C. Department of Administration and Federal Dredge and Fill Permit.	55 days (90 days)
<input type="checkbox"/>	Permit to construct & operate Air Pollution Abatement facilities and/or Emission Sources as per 15 A NCAC (2Q.0100 thru 2Q.0300)	Application must be submitted and permit received prior to construction and operation of the source. If a permit is required in an area without local zoning, then there are additional requirements and timelines (2Q.0113).	90 days
<input type="checkbox"/>	Permit to construct & operate Transportation Facility as per 15 A NCAC (2D.0800, 2Q.0601)	Application must be submitted at least 90 days prior to construction or modification of the source.	90 days
<input checked="" type="checkbox"/>	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900	N/A	60 days (90 days)
<input checked="" type="checkbox"/>	Demolition or renovations of structures containing asbestos material must be in compliance with 15 A NCAC 20.1110 (a) (1) which requires notification and removal prior to demolition. Contact Asbestos Control Group 919-707-5950.		
<input type="checkbox"/>	Complex Source Permit required under 15 A NCAC 2D.0800		
<input checked="" type="checkbox"/>	The Sedimentation Pollution Control Act of 1973 must be properly addressed for any land disturbing activity. An erosion & sedimentation control plan will be required if one or more acres to be disturbed. Plan filed with proper Regional Office (Land Quality Section) At least 30 days before beginning activity. A fee of \$65 for the first acre or any part of an acre. An express review option is available with additional fees.		20 days (30 days)
<input type="checkbox"/>	Sedimentation and erosion control must be addressed in accordance with NCDOT's approved program. Particular attention should be given to design and installation of appropriate perimeter sediment trapping devices as well as stable stormwater conveyances and outlets.		(30 days)
<input type="checkbox"/>	Mining Permit	On-site inspection usual. Surety bond filed with ENR Bond amount varies with type mine and number of acres of affected land. Any acre mined greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.	30 days (60 days)
<input type="checkbox"/>	North Carolina Burning permit	On-site inspection by N.C. Division Forest Resources if permit exceeds 4 days	1 day (N/A)
<input type="checkbox"/>	Special Ground Clearance Burning Permit - 22 counties in coastal N.C. with organic soils	On-site inspection by N.C. Division Forest Resources required "if more than five acres of ground clearing activities are involved. Inspections should be requested at least ten days before actual burn is planned."	1 day (N/A)
<input type="checkbox"/>	Oil Refining Facilities	N/A	90-120 days (N/A)
<input type="checkbox"/>	Dam Safety Permit	If permit required, application 60 days before begin construction. Applicant must hire N.C. qualified engineer to: prepare plans, inspect construction, certify construction is according to ENR approved plans. May also require permit under mosquito control program. And a 404 permit from Corps of Engineers. An inspection of site is necessary to verify Hazard Classification. A minimum fee of \$200.00 must accompany the application. An additional processing fee based on a percentage of the total project cost will be required upon completion.	30 days (60 days)

June 16, 2014

June 16, 2014

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May 12 2015

Project Number: <u>15-0545</u> Due Date: <u>5/4/2015</u>			Normal Process Time (statutory time limit)
PERMITS		SPECIAL APPLICATION PROCEDURES or REQUIREMENTS	
<input type="checkbox"/>	Permit to drill exploratory oil or gas well	File surety bond of \$5,000 with ENR running to State of NC conditional that any well opened by drill operator shall, upon abandonment, be plugged according to ENR rules and regulations.	10 days N/A
<input type="checkbox"/>	Geophysical Exploration Permit	Application filed with ENR at least 10 days prior to issue of permit. Application by letter. No standard application form.	10 days N/A
<input type="checkbox"/>	State Lakes Construction Permit	Application fee based on structure size is charged. Must include descriptions & drawings of structure & proof of ownership of riparian property.	15-20 days N/A
<input type="checkbox"/>	401 Water Quality Certification	N/A	60 days (130 days)
<input type="checkbox"/>	CAMA Permit for MAJOR development	\$250.00 fee must accompany application	55 days (150 days)
<input type="checkbox"/>	CAMA Permit for MINOR development	\$50.00 fee must accompany application	22 days (25 days)
<input type="checkbox"/>	Several geodetic monuments are located in or near the project area. If any monument needs to be moved or destroyed, please notify: N.C. Geodetic Survey, Box 27687 Raleigh, NC 27611		
<input type="checkbox"/>	Abandonment of any wells, if required must be in accordance with Title 15A. Subchapter 2C.0100.		
<input type="checkbox"/>	Notification of the proper regional office is requested if "orphan" underground storage tanks (USTS) are discovered during any excavation operation.		
<input type="checkbox"/>	Compliance with 15A NCAC 2H 1000 (Coastal Stormwater Rules) is required.		45 days (N/A)
<input checked="" type="checkbox"/>	Tar Pamlico or Neuse Riparian Buffer Rules required.		
<input type="checkbox"/>	Plans and specifications for the construction, expansion, or alteration of a public water system must be approved by the Division of Water Resources/Public Water Supply Section prior to the award of a contract or the initiation of construction as per 15A NCAC 18C .0300 et. seq. Plans and specifications should be submitted to 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. All public water supply systems must comply with state and federal drinking water monitoring requirements. For more information, contact the Public Water Supply Section, (919) 707-9100.		30 days
<input type="checkbox"/>	If existing water lines will be relocated during the construction, plans for the water line relocation must be submitted to the Division of Water Resources/Public Water Supply Section at 1634 Mail Service Center, Raleigh, North Carolina 27699-1634. For more information, contact the Public Water Supply Section, (919) 707-9100.		30 days

Other comments (attach additional pages as necessary, being certain to cite comment authority)

Division	Initials	No comment	Comments	Date Review
DAQ	RMB	<input checked="" type="checkbox"/>		4/16/15
DWR-WQROS (Aquifer & Surface)	AS	<input type="checkbox"/> <input type="checkbox"/>	<p>Based on a review of the proposed 4.99 MW Solar Photovoltaic Electric Facility located at the intersection of Old Smithfield Road and Hollowell Road in Rosewood, Wayne County, mapped partially hydric Soils Series are located on the subject site according to the Natural Resource Conversation Service (NRCS) Web Soil Survey. In addition, according to the review of the most recent published version of NRCS Soil Survey for Wayne County and/or 1:24,000 scale (7.5 minute) quadrangle topographic map prepared by the USGS, blue line feature(s) are mapped on the subject property that maybe subject to the Neuse Riparian Buffer Rules (15A NCAC 02B .0233). Therefore, the following comments were points of consideration when considering the development of this project.</p> <p>Review of the subject project found no mention of possible existence or impacts to jurisdictional wetlands, streams, waters and/or Neuse Riparian Buffers within the footprint of the proposed project. This Office recommends coordinating with the United States Army Corps of Engineers (USACOE) concerning identification of any jurisdictional features and the required permitting that may be involved prior to the implementation of this project. In addition, this Office recommends coordinating with Division of Water Resources (DWR) concerning the identification of feature(s) that may be subject to the Neuse River Riparian Buffer Rules prior to implementation of this project.</p>	/ / 4/15/15
DWR-PWS	NA	<input type="checkbox"/>	NA	/ /
DEMLR (LQ & SW)	PHM	<input type="checkbox"/>	See checked boxes	4/20/15

REGIONAL OFFICES

Questions regarding these permits should be addressed to the Regional Office marked below.

☐ **Asheville Regional Office**

2090 US Highway 70
Swannanoa, NC 28778
(828) 296-4500

☐ **Mooreville Regional Office**

610 East Center Avenue, Suite 301
Mooreville, NC 28115
(704) 663-1699

☐ **Wilmington Regional Office**

127 Cardinal Drive Extension
Wilmington, NC 28405
(910) 796-7215

☐ **Fayetteville Regional Office**

225 North Green Street, Suite 714
Fayetteville, NC 28301-5043
(910) 433-3300

☐ **Raleigh Regional Office**

3800 Barrett Drive, Suite 101
Raleigh, NC 27609
(919) 791-4200

☐ **Winston-Salem Regional Office**

585 Waughtown Street
Winston-Salem, NC 27107
(336) 771-5000

☒ **Washington Regional Office**

943 Washington Square Mall
Washington, NC 27889
(252) 946-6481



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

TO: Lyn Hardison, Environmental Coordinator

FROM: Scott Bullock, Regional UST Supervisor JSB

COPY: Robert Davies, Corrective Action Branch Head

COPY: Kathleen Lance, Administrative Secretary

DATE: April 13, 2015

RE: Environmental Review – Project Number 15-0545– Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne County located on Old Smithfield Road and Hollowell Road in Rosewood, NC.

I searched the Petroleum Underground Storage Tank (UST) and Non-UST Databases and those databases did not indicate any reported petroleum releases in the proposed project area. I reviewed the above proposal and determined that this project should not have any adverse impact upon groundwater. The following comments are pertinent to my review:

1. The Washington Regional Office (WaRO) UST Section recommends removal of any abandoned or out-of-use petroleum USTs or petroleum above ground storage tanks (ASTs) within the project area. The UST Section should be contacted regarding use of any proposed or on-site petroleum USTs or ASTs. We may be reached at (252) 946-6481.
2. Any petroleum USTs or ASTs must be installed and maintained in accordance with applicable local, state, and federal regulations. For additional information on petroleum ASTs it is advisable that the North Carolina Department of Insurance at (919) 661-5880 ext. 239, USEPA (404) 562-8761, local fire department, and Local Building Inspectors be contacted.
3. Any petroleum spills must be contained and the area of impact must be properly restored. Petroleum spills of significant quantity must be reported to the North Carolina Department of Environment & Natural Resources – Division of Waste Management Underground Storage Tank Section in the Washington Regional Office at (252) 946-6481.
4. Any soils excavated during demolition or construction that show evidence of petroleum contamination, such as stained soil, odors, or free product must be reported immediately to the local Fire Marshall to determine whether explosive or inhalation hazards exist. Also, notify the UST Section of the Washington Regional Office at (252) 946-6481. Petroleum contaminated soils must be handled in accordance with all applicable regulations.
5. Any questions or concerns regarding spills from petroleum USTs, ASTs, or vehicles should be directed to the UST Section at (252) 946-6481.

If you have any questions or need additional information, please contact me at 252-948-3906.



North Carolina Department of Environment and Natural Resources

Pat McCrory
Governor

Donald R. van der Vaart
Secretary

May 5, 2015

MEMORANDUM

TO: Lyn Hardison, Environmental Assistance Coordinator
Department of Environment and Natural Resources

FROM: Harold M. Brady, SEPA Review Coordinator

SUBJECT: Environmental Review – Lane Solar Farm, LLC
DENR#15-0545

Thank you for providing the Division of Water Resources (DWR) an opportunity to provide comments regarding the application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co.

DWR has no objection to the proposed project, but offer the following comments from Anthony Scarbraugh (anthony.scarbraugh@ncdenr.gov; (252) 948-3924) of the Washington Regional Office:

Based on a review of the proposed 4.99 MW Solar Photovoltaic Electric Facility located at the intersection of Old Smithfield Road and Hollowell Road in Rosewood, Wayne County, mapped partially hydric Soils Series are located on the subject site according to the Natural Resource Conversation Service (NRCS) Web Soil Survey. In addition, according to the review of the most recent published version of NRCS Soil Survey for Wayne County and/or 1:24,000 scale (7.5 minute) quadrangle topographic map prepared by the USGS, blue line feature(s) are mapped on the subject property that maybe subject to the Neuse Riparian Buffer Rules (15A NCAC 02B .0233). **This soils information has been presented for informational purposes only and should in no way be considered a jurisdictional determination or binding for any permitting or legal purposes.**

Review of the subject project found no mention of possible existence or impacts to jurisdictional wetlands, streams and/or waters within the footprint of the proposed project. This Office recommends coordinating with the United States Army Corps of Engineers (USACOE) concerning identification of any jurisdictional features and the required permitting that may be involved prior to the implementation of this project.

If you have any questions about this comment, please contact me at (919) 707-9005 or harold.m.brady@ncdenr.gov. Thank you.

1601 Mail Service Center, Raleigh, North Carolina 27699-1601
Phone: 919-707-8600 | Internet: www.ncdenr.gov

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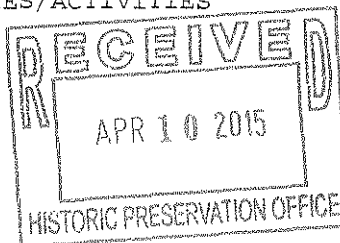
May 12 2015

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: WAYNE

H11: ENERGY RELATED
FACILITIES/ACTIVITIES

STATE NUMBER: 15-E-4600-054
DATE RECEIVED: 04/08/2015
AGENCY RESPONSE: 05/04/2015
REVIEW CLOSED: 05/08/2015



MS RENEE GLEDHILL-EARLEY
CLEARINGHOUSE COORDINATOR
DEPT OF CULTURAL RESOURCES
STATE HISTORIC PRESERVATION OFFICE
MSC 4617 - ARCHIVES BUILDING
RALEIGH NC

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DENR - COASTAL MGT
DENR LEGISLATIVE AFFAIRS
DEPT OF AGRICULTURE
DEPT OF CULTURAL RESOURCES
DEPT OF TRANSPORTATION
EASTERN CAROLINA COUNCIL

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce
TYPE: State Environmental Policy Act
Environmental Review

DESC: Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co. Docket #SP-5196 Sub 0. - View document at <http://starw1.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-5196 Sub 0 in the Docket Number search line.

Located at the intersection of Old Smithfield Road and Hollowell Road, Rosewood, NC

The attached project has been submitted to the N. C. State Clearinghouse for intergovernmental review. Please review and submit your response by the above indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☒ NO COMMENT ☐ COMMENTS ATTACHED

SIGNED BY:

Renee Gledhill-Earley

DATE:

4/27/15



APR 13 2015

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May 12 2015

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: WAYNE

H11: ENERGY RELATED
FACILITIES/ACTIVITIES

STATE NUMBER: 15-E-4600-0546
DATE RECEIVED: 04/08/2015
AGENCY RESPONSE: 05/04/2015
REVIEW CLOSED: 05/08/2015

MS CAROLYN PENNY
CLEARINGHOUSE COORDINATOR
CC&PS - DIV OF EMERGENCY MANAGEMENT
FLOODPLAIN MANAGEMENT PROGRAM
MSC # 4719
RALEIGH NC

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DEPT OF AGRICULTURE
DEPT OF CULTURAL RESOURCES
DEPT OF TRANSPORTATION
EASTERN CAROLINA COUNCIL

APR 14 2015

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce
TYPE: State Environmental Policy Act
Environmental Review

DESC: Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co. Docket #SP-5196 Sub 0. -
View document at
<http://starwl.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-5196
Sub 0 in the Docket Number search line.

Located at the intersection of Old Smithfield Road and Hollowell Road, Rosewood,
NC

The attached project has been submitted to the N. C. State Clearinghouse for
intergovernmental review. Please review and submit your response by the above
indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☐ NO COMMENT ☒ COMMENTS ATTACHED

SIGNED BY:

John D. Binkley

DATE: 23 April 2015



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May 12 2015



North Carolina Department of Public Safety

Emergency Management

Pat McCrory, Governor
Frank L. Perry, Secretary

Michael A. Sprayberry, Director

April 23, 2015

State Clearinghouse
N.C. Department of Administration
1301 Mail Service Center
Raleigh, North Carolina 27699-1301

Subject: Intergovernmental Review State Number: 15-E-4600-0545
Lane Solar Farm, LLC, Wayne County

As requested by the North Carolina State Clearinghouse, the North Carolina Department of Public Safety Division of Emergency Management Risk Management reviewed the proposed project listed above and offers the following comments:

- 1) The project site is located in the extraterritorial jurisdiction of the City of Goldsboro. The City of Goldsboro participates in the National Flood Insurance Program and enforces a Flood Damage Prevention Ordinance that requires a Floodplain Development Permit be issued for all development located in the Special Flood Hazard Area (SFHA) within its jurisdiction. Please ensure the City of Goldsboro's Floodplain Administrator reviews and issues permits for each part of the Lane Solar Farm Photovoltaic Electric Generating Facility within a SFHA.
- 2) The site outlined in the application encroaches on the SFHA of the Neuse River. Please see Flood Insurance Rate Map Panels 2588 and 2680. Any grading, fill or placement of equipment or materials in the SFHA will require a floodplain development permit issued by the City of Goldsboro.
- 3) All structures and utilities should be protected to the regulatory flood protection elevation as described in the City of Goldsboro's ordinance and 44 CFR 60.3.

Thank you for your cooperation and consideration. If you have any questions concerning the above comments, please contact me at (919) 825-2300, by email at dan.brubaker@ncdps.gov or at the address shown on the footer of this document.

MAILING ADDRESS:
4218 Mail Service Center
Raleigh NC 27699-4218
www.ncdps.gov
www.ncfloodmaps.com



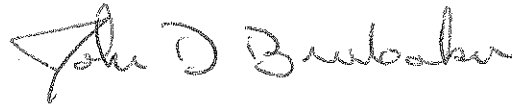
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GTM OFFICE LOCATION:
4105 Reedy Creek Road
Raleigh, NC 27607
Telephone: (919) 825-2341
Fax: (919) 825-0408

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May 12 2015

Sincerely,

A handwritten signature in black ink, appearing to read "John D. Brubaker". The signature is fluid and cursive, with the first name "John" being more prominent.

John D. Brubaker, P.E., CFM
NFIP Engineer
Risk Management

cc: John Dorman, Program Director
John Gerber, NFIP State Coordinator

Rama Chittilla, Civil Engineer, City of Goldsboro

File

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

Natasha Earle

COUNTY: WAYNE

H11: ENERGY RELATED
FACILITIES/ACTIVITIES

STATE NUMBER: 15-E-4600-054
DATE RECEIVED: 04/08/2015
AGENCY RESPONSE: 05/04/2015
REVIEW CLOSED: 05/08/2015

MS CARRIE ATKINSON
CLEARINGHOUSE COORDINATOR
DEPT OF TRANSPORTATION
STATEWIDE PLANNING - MSC #1554
RALEIGH NC

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DEPT OF CULTURAL RESOURCES
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EASTERN CAROLINA COUNCIL

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce
TYPE: State Environmental Policy Act
Environmental Review

DESC: Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co. Docket #SP-5196 Sub 0. - View document at <http://starwl.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-5196 Sub 0 in the Docket Number search line.

Located at the intersection of Old Smithfield Road and Hollowell Road, Rosewood, NC

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If additional review time is needed, please contact this office at (919)807-2425.

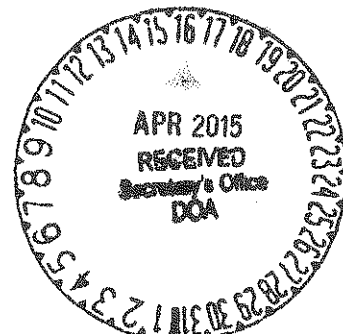
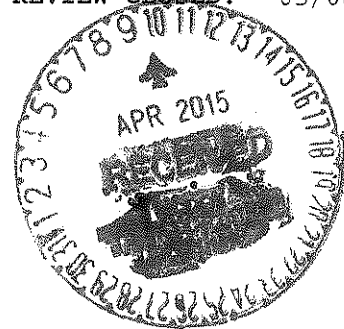
AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☒ NO COMMENT ☐ COMMENTS ATTACHED

SIGNED BY:

Natasha Earle

DATE:

4/14/15



OFFICIAL COPY

May 12 2015

NORTH CAROLINA STATE CLEARINGHOUSE
DEPARTMENT OF ADMINISTRATION
INTERGOVERNMENTAL REVIEW

COUNTY: WAYNE

H11: ENERGY RELATED
FACILITIES/ACTIVITIES

STATE NUMBER: 15-E-4600-0540
DATE RECEIVED: 04/08/2015
AGENCY RESPONSE: 05/04/2015
REVIEW CLOSED: 05/08/2015

MS ELIZABETH HEATH
CLEARINGHOUSE COORDINATOR
DEPT OF AGRICULTURE
1001 MSC - AGRICULTURE BLDG
RALEIGH NC

REVIEW DISTRIBUTION

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DENR LEGISLATIVE AFFAIRS
DEPT OF AGRICULTURE
DEPT OF CULTURAL RESOURCES
DEPT OF TRANSPORTATION
EASTERN CAROLINA COUNCIL

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce
TYPE: State Environmental Policy Act
Environmental Review

DESC: Application of Lane Solar Farm, LLC for Certificate to construct a 4.99 MW Solar Photovoltaic Electric Generating Facility in Wayne Co. Docket #SP-5196 Sub 0. - View document at <http://starw1.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx>, Type SP-5196 Sub 0 in the Docket Number search line.

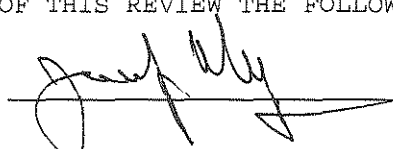
Located at the intersection of Old Smithfield Road and Hollowell Road, Rosewood, NC

The attached project has been submitted to the N. C. State Clearinghouse for intergovernmental review. Please review and submit your response by the above indicated date to 1301 Mail Service Center, Raleigh NC 27699-1301.

If additional review time is needed, please contact this office at (919)807-2425.

AS A RESULT OF THIS REVIEW THE FOLLOWING IS SUBMITTED: ☐ NO COMMENT ☒ COMMENTS ATTACHED

SIGNED BY:



DATE:

5/4/2015



OFFICIAL COPY

May 12 2015



Dr. Richard Reich
Assistant Commissioner

North Carolina Department of Agriculture
and Consumer Services
Agricultural Services

Joseph Hudyncia
Environmental Programs

May 4th, 2015

Zeke Creech
State Clearinghouse
N.C. Department of Administration
1301 Mail Service Center
Raleigh, North Carolina 27699-1301

State #: 15-E-4600-0545

RE: Photovoltaic Electric Generating Facility – Intersection of Old Smithfield Rd. and Hollowell Rd., Rosewood, NC

Dear Mr. Creech:

The footprint of the proposed Photovoltaic Electric Generating Facility has the potential of irreversible damage and may increase the loss of state important farm and forest land thereby negatively impacting agricultural environmental balance in the immediate area. The NCDA&CS encourages due consideration be given to potential negative environmental and economic impacts on farm and forest land in the proposed area.

Agricultural production incomes from locally grown products have a considerable multiplier influence. It is estimated that for every 40 acres converted from agricultural production, one agribusiness job and its associated economic activity is lost indefinitely. Furthermore the costs of community services used by agribusiness are usually minimal and therefore are net contributors to county budgets. Both current and future cost for the conversion land from production agriculture is needed for an accurate evaluation.

Based on the secondary, cumulative, and direct impacts, this project has potential to adversely impact the agricultural environmental and economic resources in the proposed study area. The total negative impact on the environmental and agribusiness economy will be proportionately related to the total acres of farm and forest land taken out of production.

Respectfully,

Joseph Hudyncia
Environmental Programs Specialist