

William W. Peaslee General Counsel

March 30, 2016

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

Re:

SCH File # 16-E-4600-0251; Amended Application of Sunflower Solar, LLC for Certificate to construct a 16 MW Solar Photovoltaic Electric Generating Facility in Halifax Co. Docket #SP-5272 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,

Crystal Best

State Environmental Review Clearinghouse

Attachments cc: Region L



PAT MCCRORY

Governor

DONALD R. VAN DER VAART

MEMORANDUM

To:

Crystal Best

State Clearinghouse Coordinator Department of Administration

From:

Lyn Hardison M

Division of Environmental Assistance and Customer Service Environmental Assistance and Project Review Coordinator

RE:

16-0251 (15-0527)

Environmental Review –AMENDED Application of Sunflower Solar, LLC for the Certificate to construct a 16 MW Solar Photovoltaic Electric Generating Facility

Halifax County

Date:

March 28, 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 applications submittals. The comments are attached for the applicant review.

If the applicant has any questions pertaining to NCDENR permitting processes, please suggest to the applicant to contact David Lee, Permit Assistance Coordinator, in the Department's Raleigh Regional Office, (919)791-4200 for more permitting assistance. The proposed project is located within his geographic working territory.

Thank you for the opportunity to respond.

Attachments

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

Reviewing Office: Raleigh

Project Number <u>16-0251</u> County <u>HALIXFAX Co.</u> Due Date: 3/23/2016

After review of this project it has been determined that the ENR permit(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.

·····			Normal Process Time
	PERMITS	SPECIAL APPLICATION PROCEDURES of REQUIREMENTS	(statutory time limit)
	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)
	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)
	Water Use Permit	Pre-application technical conference usually necessary	30 days (N/A)
	Well Construction Permit	Complete application must be received and permit issued prior to the installation of a well.	7 days (15 days)
	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)
	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
	Permit to construct & operate Transportation Facility as per 15A NCAC (2D.0800, 2Q.0601 Application must be submitted at least 90 days prior to construction or modification of the source.		90 days
Ø	Any open burning associated with subject proposal must be in compliance with 15 A NCAC 2D.1900		
	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.	N/A	60 days (90 days)
	Complex Source Permit required under 15 A NCAC 2D,0800	·	
\boxtimes	control plan will be required if one or more acres to be disturb	perly addressed for any land disturbing activity. An erosion & sedimentation ed. Plan filed with proper Regional Office (Land Quality Section) At least 30 or any part of an acre. An express review option is available with additional	20 days (30 days)
	Sedimentation and erosion control must be addressed in according to design and installation of appropriate perimeter sediment tr	(30 days)	
	On-site inspection usual. Surety bond filed with ENR Bond amount varies with type mine and number of acres of affected land. Any arc mined greater than one acre must be permitted. The appropriate bond must be received before the permit can be issued.		30 days (60 days)
	North Carolina Burning permit	On-site inspection by N.C. Division Forest Resources if permit exceeds 4 days	1 day (N/A)
	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."	l day (N/A)
	Oil Refining Facilities	. N/A	90-120 days (N/A)
	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 base 1 on a percentage or the total project cost will be required upon completion.	30 days (60 days)

County <u>HALIFA</u>	X Co.			Project Number: 16-0251 Due Date: 3/23/2016	Normal Process Time
PERMITS				SPECIAL APPLICATION PROCEDURES of REQUIREMENTS	(statutory time limit)
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
Geophysical Exploration	n 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
State Lakes Construction	n 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
401 Water Quality Cert	ification			N/A	60 days (130 days)
CAMA Permit for MA	IOR developm	nent		\$250.00 fee must accompany application	55 days (150 days)
CAMA Permit for MIN	OR developn	nent		\$50.00 fee must accompany application	22 days (25 days)
Several geodetic monus N.C. Geodetic Survey,				roject area. If any monument needs to be moved or destroyed, please notify:	
Abandonment of any w	ells, if require	ed m	ust be in accord	lance with Title 15A. Subchapter 2C.0100.	
Notification of the prop	er regional of	ffice	is requested if	orphan" underground storage tanks (USTS) are discovered during any excavation operation.	
Compliance with 15A 1	Compliance with 15A NCAC 2H 1000 (Coastal Stormwater Rules) is required.				
Catawba, Jordan Lake, Randalman, Tar Pamlico or Neuse Riparian Buffer Rules required.					
Resources/Public Water specifications should be	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.				
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	
	·	~~~		tain to cite comment authority)	
Division	Initials		lo omment	Comments	Date Review
DAQ	ddm	T			3/4/16
DWR-WQROS (Aquifer & Surface)	ds rb			The only locality information provided in the packet was the following: East of the Intersection Dickens Wildwood Rd and Highway 301 in Hali Co no maps were include with this packet. -Mush Island Gut, a Class C waters and it's unnamed tributaries are present or adjacent to the this locality. - A project that disturbs 1 acre or greater is required to secure an erosi and sedimentation control plan and must comply with construction stormwater permit conditions (NCG010000) The USGS Topographic map depicted blue line stream and crenulations that indicate a stream adjacent to the project footprint. (Note: the so survey was not reviewed.) (No maps were provided with the scoping document.) -I recommend a site visit to ensure compliance with 404/401 requirements. If wetland or stream impacts are proposed, this project need to comply with/secure a 404 permit from the USACE and obtain a 401 Water Quality Certification authorization	on 3/10/16 will
DWR-PWS	NA				3/21/16
DEMLR (LQ & SW)	JLH			S&E plan box checked.	3/23/16
DWM - UST	MRP				3/23/16

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

Asheville Regional Offi	ce Mooresville Regional Office	Wilmington Regional Office
February 11, 2015		•

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

Fayetteville Regional Office
225 North Green Street, Suite 714
Fayetteville, NC 28301-5043

910) 433-3300

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

- Raleigh Regional Office 3800 Barrett Drive, Suite 101 Raleigh, NC 27609 (919) 791-4200
- Washington Regional Office 943 Washington Square Mall Washington, NC 27889 (252) 946-6481

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

Winston-Salem Regional Office 450 West Hanes Mill Road, Suite 300 Winston-Salem, NC 27105 (336) 771-9800

NORTH CAROLINA STATE CLEARINGHOUSE DEPARTMENT OF ADMINISTRATION INTERGOVERNMENTAL REVIEW

COUNTY: HALIFAX

H11: ENERGY RELATED

FACILITIES/ACTIVITIES

MAR 0 1 2016

HISTORIC PRESERVATION OFFICE

STATE NUMBER: 16-E-4600-025

DATE RECEIVED: 02/25/2016 AGENCY RESPONSE: 03/23/2016

REVIEW CLOSED: 03/28/2016

CH 15-0953

MS RENEE GLEDHILL-EARLEY CLEARINGHOUSE COORDINATOR DEPT OF CULTURAL RESOURCES

STATE HISTORIC PRESERVATION OFFICE

MSC 4617 - ARCHIVES BUILDING

RALEIGH NC

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DPS - DIV OF EMERGENCY MANAGEMENT

UPPER COASTAL PLAIN COG

PROJECT INFORMATION

APPLICANT: N.C. Department of Commerce

TYPE: State Environmental Policy Act

Environmental Review

MA

DESC: Amended Application of Sunflower Solar, LLC for Certificate to construct a 16 MW Solar Photovoltaic Electric Generating Facility in Halifax Co. Docket #SP-5272 Sub 0. - View document at

http://starw1.ncuc.net/NCUC/portal/ncuc/page/Dockets/portal.aspx, Type SP-5272 Sub 0 in the Docket Number search line.

Located off Hwy 301 Road in an unincorporated area about 2 miles south of Weldon, NC

Amended due to the addition of land and reduction in the capacity of the facility.

CROSS-REFERENCE NUMBER: 15-E-4600-0527

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

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AS A RESULT OF THIS RE	EVIEW THE FOLLOWING IS SUBMITTED:	NO COMMENT	COMMENTS ATTACHED
SIGNED BY:	Leve Hedhell-Saley	DATE:	3.18.16
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		MAR 2016	

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NORTH CAROLINA STATE CLEARINGHOUSE DEPARTMENT OF ADMINISTRATION

INTERGOVERNMENTAL REVIEW

COUNTY: HALIFAX

H11: ENERGY RELATED

FACILITIES/ACTIVITIES

STATE NUMBER:

16-E-4600-02

DATE RECEIVED: 02/25/2016

AGENCY RESPONSE: 03/23/2016

REVIEW CLOSED: 03/28/2016

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

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PROJECT INFORMATION

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

DESC: Amended Application of Sunflower Solar, LLC for Certificate to construct a 16 MW Solar Photovoltaic Electric Generating Facility in Halifax Co. Docket #SP-5272

Sub 0. - View document at

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AS A RESULT OF THIS	REVIEW THE FOLLOWING IS SUBMITTED:	NO COMMENT COMMENTS ATTACHED
SIGNED BY:	Ship	DATE: 3/17/20/6
	2 hand	



Dr. Richard Reich
Assistant Commissioner

North Carolina Department of Agriculture and Consumer Services

Joseph Hudyncia Environmental Programs

Agricultural Services

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

March 16, 2016

Dear Mr. Creech:

The proposed Photovoltaic Electric Generating Facility has the potential to negatively impact agricultural/environmental/economic balance in the immediate area. The NCDA&CS discourages taking agricultural or managed forestland out of production. Far too much productive farmland has been, and continues to be, lost to development of various types in North Carolina. As farmland is taken out of production the potential for growing food and fiber for a growing population is reduced, and with it a substantial amount of associated economic activity generated by farming dollars that contributes revenue to the local economy year after year.

If implementation of the solar project moves forward on this tract of land, we encourage conservation of highly productive soils for their best use, i.e. agriculture. If crop or forestry activities are a current component of land use, seek solar development on less productive sites on this tract if possible.

The use of best practices in construction and maintenance of the facility are encouraged to insure that the productive capabilities of the land for any future agricultural activity is maintained and the integrity of unique or sensitive habitats is not destroyed. It is also recommended that a decommissioning plan that clearly defines the responsible party, process, time-line, and specific responsibilities (including restoration to prior condition) is incorporated.

We have cross-referenced the parcel for existing easements related to agriculture and found no CREP conservation easements, swine buyout easements, ADFP easements, plant conservation easements or plant conservation priority sites on the subject property.

Respectfully

Joseph Hudyncia

Environmental Programs

NCDA&CS

NORTH CAROLINA STATE CLEARINGHOUSE Carlos Major DEPARTMENT OF ADMINISTRATION

INTERGOVERNMENTAL REVIEW

COUNTY: HALIFAX H11: ENERGY RELATED

FACILITIES/ACTIVITIES

STATE NUMBER:

16-E-4600-025

DATE RECEIVED: 02/25/2016

AGENCY RESPONSE: 03/23/2016

REVIEW CLOSED: 03/28/2016

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

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UPPER COASTAL PLAIN COG

PROJECT INFORMATION

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

Environmental Review

DESC: Amended Application of Sunflower Solar, LLC for Certificate to construct a 16 MW Solar Photovoltaic Electric Generating Facility in Halifax Co. Docket #SP-5272

Sub 0. - View document at

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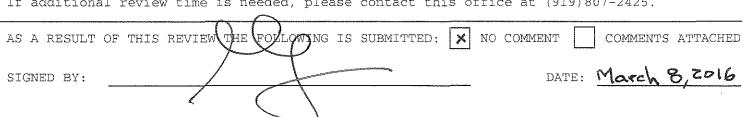
Located off Hwy 301 Road in an unincorporated area about 2 miles south of Weldon, NC

Amended due to the addition of land and reduction in the capacity of the facility.

CROSS-REFERENCE NUMBER: 15-E-4600-0527

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.







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NORTH CAROLINA STATE CLEARINGHOUSE DEPARTMENT OF ADMINISTRATION

INTERGOVERNMENTAL REVIEW

COUNTY: HALIFAX

H11: ENERGY RELATED FACILITIES/ACTIVITIES

STATE NUMBER:

16-E-4600-025

FEB 2 9 2016

DATE RECEIVED: 02/25/2016

AGENCY RESPONSE: 03/23/2016

REVIEW CLOSED: 03

03/28/2016

MS PAULA CUTTS
CLEARINGHOUSE COORDINATOR
DPS - DIV OF EMERGENCY MANAGEMENT

FLOODPLAIN MANAGEMENT PROGRAM

MSC # 4218

RALEIGH NC

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

II addiciona	at review time is needed, prease contact tr	115 Office at (919) 607-2423.
AS A RESULT	OF THIS REVIEW THE FOLLOWING IS SUBMITTED:	OMMENTS ATTACHED
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Mar 30 2016

NORTH CAROLINA STATE CLEARINGHOUSE DEPARTMENT OF ADMINISTRATION

INTERGOVERNMENTAL REVIEW

COUNTY: HALIFAX

H11: ENERGY RELATED

FACILITIES/ACTIVITIES

STATE NUMBER:

16-E-4600-025

DATE RECEIVED:

02/25/2016

AGENCY RESPONSE: 03/23/2016

REVIEW CLOSED:

03/28/2016

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



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AS A RESULT	OF THIS REVIEW THE FOLLOWING IS SUBMITTED:	M NO COMMENT	COMMENTS ATTACHED
SIGNED BY:	Kener Bledhill-Earley	DATE:	3.8.16

