



STATE OF TENNESSEE  
**DEPARTMENT OF ENVIRONMENT AND CONSERVATION**  
**DIVISION OF WATER RESOURCES**

Jackson Environmental Field Office

1625 Hollywood Drive

Jackson, TN 38305

Phone 731-512-1300

Statewide 1-888-891-8332

Fax 731-661-6283

December 15, 2016

Mr. Peter Candelaria  
Silicon Ranch Corporation  
150 Third Ave., Ste. 2000  
Nashville, TN 37201

Subject: Providence Road Solar Farm – TN0081796, TNR121800, and NRS16.165  
Silicon Ranch Corporation (owner) and McCarthy Building Companies, Inc.(operator) d/b/a  
Providence Road Solar Farm  
Denmark, Madison County, Tennessee

Dear Mr. Candelaria:

On December 13, 2016 personnel from the Tennessee Department of Environment and Conservation, Division of Water Resources, conducted an inspection of the Providence Road Solar Farm site. Judd Dyer with McCarthy Building Companies and Chris Todd with Envirogreen were present during the inspection. This site currently has permit coverage under the TN Construction General Permit (TNR121800), an Individual Construction Permit (TN0081796) and an Aquatic Resource Alteration Permit (NRS16.165). All three permit coverages were inspected for compliance with their respective permit conditions. The following observations were made on-site:

- Monitoring of the four stormwater outfalls as required in the Individual Construction Permit has not occurred nor has the monthly Discharge Monitoring Reports (DMRs) been submitted. Failure to sample and report the results is a violation of the Individual Construction Permit. Sampling these outfalls should begin immediately for the all parameters outlined in the Individual Construction Permit. In addition, the results should be reported to the division monthly using Discharge Monitoring Report forms.
- Erosion and rilling were observed in various locations around the site, in particular along the service road. Measures to stabilize these areas should be initiated as soon as possible.
- Although a large portion of the site was stabilized or in the process of being stabilized, numerous areas around the construction site still lacked adequate vegetative cover. Measures to stabilize these areas should be initiated as soon as possible.
- The outfall structures for the northwest and southwest sediment basins were not constructed. Since these were not constructed a Notice of Termination (NOT) for ARAP NRS16.165 can be submitted.
- All required inspections were being performed and maintained onsite.

Since the entire site is currently covered by an Individual Construction Permit (TN0081796), coverage under the TN Construction General Permit has been subsequently terminated. However, compliance with the

individual permit is required until the entire site is fully stable and termination of the individual permit granted.

**Required Actions:**

- Discharges from all outfalls should be sampled and reported according to the conditions in the Individual Construction Permit. The DMR for December 2016 should be submitted by January 15, 2017 as required. In addition, monitoring and reporting should continue until the site is finally stabilized and the permit terminated.
- Best Management Practices (BMPs) and final stabilization measures should continue to be implemented as outlined above and discussed onsite.

We appreciate your prompt your attention and cooperation in this matter. If there are factors regarding this matter that need further discussion, please contact Gregg Overstreet at (731)-512-1308 or by email at [Gregg.Overstreet@tn.gov](mailto:Gregg.Overstreet@tn.gov).

Sincerely,



Conner Franklin  
Environmental Program Manager  
Division of Water Resources  
Jackson Environmental Field Office

cc: Judd Dyer, McCarthy Building Companies  
Chris Todd, Envirogreen



TDEC - Division of Water Resources  
Jackson Field Office

ICIS NPDES Facilities Inspection Report

Facility Data

NPDES ID:	TN0081796	Facility Site Name	Providence Road Solar Farm		
		Address	Hwy 70 at Providence Road		
Permit Eff. Date:	09/01/2016	Permit Exp Date:	12/31/2021	SIC Code:	

Compliance Monitoring Information

Compliance Monitoring Activity Name	Stormwater Construction Non-Sampling				
	* If Bio Monitoring is selected above, select the method used:				
Compliance Monitoring Activity	Evaluation				

Compliance Monitoring Dates/Times

Entry Date/Time (mm/dd/yyyy hh:mm):	12/13/2016 8:55	Exit Date/Time (mm/dd/yyyy hh:mm):	12/13/2016 10:40
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Facility Representatives

Judd Dyer, Project Mgr, 480-560-8067	Jeff Lee, Director of Construction, 615-913-7203
On-Site Representative(s) Title, Phone Number	Responsible Official(s), Title, Phone Number

Statute and Section Information

Federal Statute:	CWA - Clean Water Act	State Statute:	Tennessee Water Quality Control Act
Programs:	NPDES-Stormwater Construction		

Compliance Monitoring Reason:	Core Program		
Compliance Monitoring Agency Type:	State	Agency Name:	TDEC - DWR
Did EPA assist/ Inspection?	No	Time Physically conducting activity: Days:	Hours: 4
Inspection Type:	State	Compliance Monitoring Action Outcome:	
Lead Agency:	State	Compliance Monitoring Rating Code:	Unrated
If Joint Inspection, what was the purpose of the other party?			


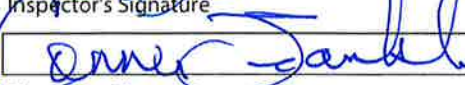
Areas Evaluated During Inspection (*Check only those areas evaluated*)

<input type="checkbox"/> Permit	<input type="checkbox"/> Self - Compliance Program	<input type="checkbox"/> Pretreatment
<input checked="" type="checkbox"/> Records / Records	<input type="checkbox"/> Compliance Schedule	<input checked="" type="checkbox"/> Pollution Prevention
<input type="checkbox"/> Facility Site Review	<input type="checkbox"/> Laboratory	<input checked="" type="checkbox"/> Storm Water
<input checked="" type="checkbox"/> Effluent / Receiving Waters	<input type="checkbox"/> Operations & Maintenance	<input type="checkbox"/> Combined Sewer Overflow
<input type="checkbox"/> Flow Measurement	<input type="checkbox"/> Sludge Handling / Disposal	<input type="checkbox"/> Sanitary Sewer Overflow

Compliance Monitoring Summary

See TDEC inspection form for TNR121800 for details.

EPA and State Representatives

	TDEC-DWR/Jackson EFO/731-512-1308	12/15/2016
Inspector's Signature	Agency / Office / Phone	Date
	TDEC-DWR/Jackson EFO/731-512-1302	12/16/16
Manager's Signature	Agency / Office / Phone	Date

(Note: This form can only be printed to an XPS document, then saved for later use.)

**TENNESSEE DEPARTMENT OF ENVIRONMENT AND CONSERVATION**

Division of Water Resources

William R. Snodgrass Tennessee Tower, 312 Rosa L. Parks Avenue, 11th Floor, Nashville TN 37243

1-888-891-8332 (TDEC)

**Compliance Inspection for General NPDES Permit for Stormwater Discharges from Construction Activities (CGP)**

<b>Site/Project Name:</b> Providence Road Solar Farm			<b>NPDES Tracking Number:</b> TNR121800	
			<b>Date Coverage was Issued:</b> 23-FEB-16	
<b>Street Address or Location:</b> SE quadrant of Providence Road (SR-138) and US-70			<b>Start date:</b> 01-MAR-16	
			<b>Estimated end date:</b> 30-JUN-16	
<b>Site Description:</b> grading for installation of solar panels			<b>Latitude (dd.dddd):</b> 35.5843	
			<b>Longitude (-dd.dddd):</b> -89.0537	
<b>County(ies):</b> Madison	<b>EFO:</b> Jackson	<b>MS4 Jurisdiction:</b> Madison County	<b>Acres Disturbed:</b> 50	
			<b>Total Acres:</b>	

**Name of Permittee (Developer/Operator):** Silicon Ranch Corporation**Name of Official Contact:** Curt Brechtel**Email:** curt.brechtel@siliconranchcorp.com**Contact Phone:** 731-577-4617**Address:** 150 Third Ave., Suite 2000**City:** Nashville**State:** TN**Zip:** 37201

Check List (office & field checks)		Yes	No	Comments
1	Does the site have CGP coverage?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
2	Is NOC posted on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
3	Have the site contractors signed the NOI?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
4	Is the current SWPPP available for review?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
5	Are EPSCs in accordance with SWPPP?	<input type="checkbox"/>	<input type="checkbox"/>	
6	Are EPSCs installed properly and functional?	<input type="checkbox"/>	<input type="checkbox"/>	
7	Are inspection reports available on site?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	All appear to be available.
8	Is the proper buffer zone maintained?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
9	Were there unstable, inactive areas on the site? If so, does inspector know if length of time has been more than 14 days (or 7 days for steep slopes)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
10	Are more than 50 acres disturbed at one time?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
11	Has sediment discharged off site?	<input type="checkbox"/>	<input type="checkbox"/>	
12	Has sediment discharged into waters of the State?	<input type="checkbox"/>	<input type="checkbox"/>	
13	Are there unauthorized alterations to waters of the State?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14	Are there violations of an existing ARAP? If so, ARAP No.?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	NR 16.165 GP I/O Structures
15	Other pollutants/discharges or unusual problems?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
16	Project is complete and stable with no construction-related stormwater discharges?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Add stabilization needed.

**General Comments:** Envirogreen performing inspections. Have not sampled outfalls & submitted DUE's. Some rilling along gravel road, bare area near trailer. Silt fence & water still in place. Significant bare areas between panel rows on south side of gravel road. Areas have been seeded & mulched. Recent rains have caused some erosion/rilling. Access to overhead line unstable/needs stabilization. Sed. Basin for Area B discharging - needs to be sampled, other outfalls need to be checked for discharge.

ENTRY TIME 8:55 AM

<b>Routine</b> <input type="checkbox"/>	<b>Comprehensive</b> <input type="checkbox"/>	<b>Complaint</b> <input type="checkbox"/>	<b>Follow Up</b> <input type="checkbox"/>	<b>Termination</b> <input checked="" type="checkbox"/>
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**On-Site Contact (if available)****On-Site Contact Name (Print):**

Judd Dyer

**On-Site Contact Title:**

Project Manager

**Signature:****Date:**

12/13/16

**TDEC Personnel/Information****Inspector's Name (Print):**

Gregory Overstreet

**Signature:****Date:** 12/13/2016**Time:** 10:40**EFO: Name and Address**Jackson Environmental Field Office  
1625 Hollywood Drive  
Jackson, TN 38305