Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G Inspection Date: 09/17/2021

			General Inf	ormation			
Weather conditions during inspection	70 de	grees, sunny	Inspection Start Time	10:00AM	Inspection end time	11:00 AM	
Inspector Name, Title Contact Information	e &	Amanda Makela, Environmentamakela@beta-inc.com		oup, Inc.))-756-1600			
Present Phase of Cor	nstruction	Phase 1. NOTE: The access road and stabilized construction entrance has been established pursuant to the Phase 1 scope of wor However, the entirety of the Site has been cleared of trees. No grubbing/stumping has occurred other than that required to establish the Site access road.					
Inspection Location	spection Location North Sturbridge Road Solar Facility – Entirety of Site (0 North Sturbridge Road, Charlton, MA 01507)						
Inspection Frequency (Note: you may be subject to different inspection frequencies in different areas of the site. Check all that apply) Standard Frequency: □ Every 7 days □ Every 14 days and within 24 hours of a 0.25" rain or the occurrence of runoff from snowmelt sufficient to cause a discharge							
Increased Frequency	Increased Frequency: □ Every 7 days and within 24 hours of a 0.25" rain (for areas of sites discharging to sediment or nutrient-impaired waters or to waters designated as Tier 2, Tier 2.5,						
Reduced Frequency							
_		no more than 14 calendar days a					
		no more than 14 calendar days a					
☐ Once per month and within 24 hours of a 0.25" rain (for arid, semi-arid, or drought-stricken areas during seasonally dry periods or during drought)							
	☐ Once per month (for frozen conditions where earth-disturbing activities are being conducted)						
Was this inspection triggered by a 0.25" storm event? ☐ Yes ☐ No If yes, how did you determined whether a 0.25" storm event has occurred?							
	Rain gauge on site Weather station representative of site. Specify weather station source: Worcester Regional Airport						
Total rainfall amo	Total rainfall amount that triggered the inspection (inches): 0.25"						
Was this inspection	on triggere	ed by the occurrence of runoff fr	om snowmelt sufficie	nt to cause a discharge? 🗌 Y	es 🛛 No		

Inspection Report for North Sturbridge Road Solar Facility

NPDES ID No.: MAR10031G Inspection Date: 09/17/2021

	Unsafe	Conditions	for	Inspection
--	--------	------------	-----	------------

Did you determine that any portion of your site was unsafe for inspection per CGP Part 4.1.5?

Yes

No

If "yes", complete the following:

- Describe the conditions that prevented you from conducting the inspection in this location: N/A
- Location where conditions were found: N/A

	Condition and	Effectiveness of	of Erosion and Sedim	nent (E&S) Controls (CGP Part 2.2)
Type/Location of E&S Control	Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
1. Silt Fence and Straw Wattles	Yes (As of 9/2/2021)	No	9/2/ 2021	A breach was observed at Discharge 2. Although the double row of straw bales is intact, silt fence was observed to be knocked over and signs of stormwater flow were detected in the area beyond the fence. A minor tear was identified in a section of silt fence on the southern side of the Site with no erosion observed. Minor degradation of a straw wattle was observed on the southeastern side of the Site; no erosion was observed but pools of water were found to be forming behind the straw wattle.
Stabilized Construction Entrance (Site Entrance – Access Road)	No (As of 9/2/2021)	No		A tree was knocked over and laying on the silt fence on the on the northwestern portion of the site in Zone 5. Hydroseed was applied to exposed soil in this area and continues to
3. Stump and Soil Stockpile Area	No (As of 7/22/2021)	No		germinate.
4. Dust Controls	N/A	N/A		
5. Jute Mesh (Steep Slopes)	N/A	N/A		
6. Temporary Seeding	No (As of 9/2/2021)	No	7/22/2021	Hydroseed has been applied to the earthen access road and hand- application of seed was performed within the area beyond the limit of work that was subjected to Discharge 1. Germination was

Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G

Inspection Date: 09/17/2021

				observed within areas of disturbed soils within the limits of work; however, little to no germination was observed within the disturbed area downgradient of the limit of work. Additional seed should be hand-applied in this area.
			8/24/2021	The areas downgradient of Discharges 1 and 2 have been stabilized with straw and seed. These areas will be monitored for germination and stabilization.
7. Topsoil Re-Use	N/A	N/A		
8. Storm Drain Inlets (North Brookfield Road)	N/A	N/A		
Temporary Drainage Swales (Throughout Site)	N/A	N/A		
10. Temporary Sediment Basins (Throughout Site)	N/A	N/A		

	Condi	tion and Effectiv	veness of Pollution F	Prevention (P2) Practices (CGP Part 2.3)
Type/Location of P2 Practices [insert additional rows if applicable]	Maintenance Needed?*	Corrective Action Required?*	Date on Which Maintenance or Corrective Action First Identified?	Notes
Equipment Refueling Staging Area	□Yes ⊠No	□Yes ⊠No	[Enter date]	
Hydraulic Lines Staging/Work Areas	□Yes ⊠No	□Yes ⊠No	[Enter date]	
Equipment Maintenance Staging Area	□Yes ⊠No	□Yes ⊠No	[Enter date]	
Sanitary Toilets Staging Area	□Yes ⊠No	□Yes ⊠No	[Enter date]	
5. Vehicle Accident Entire Site	□Yes ⊠No	□Yes ⊠No	[Enter date]	
6. Dumpsters Staging Area	□Yes ⊠No	□Yes ⊠No	[Enter date]	
7. Solar Panel Installation	□Yes ⊠No	□Yes ⊠No	[Enter date]	

Inspection Report for North Sturbridge Road Solar Facility

NPDES ID No.: MAR10031G Inspection Date: 09/17/2021

!					
Staging/Work Areas					
8. Concrete Washout	□Yes ⊠No	□Yes ⊠No	[Enter date]		

	Stabilization	of Exposed Soil (CGP Part 2.2	2.14)
Stabilization Area	Stabilization Method	Have You Initiated	Notes
[insert additional rows if applicable]		Stabilization?	
Earthen access road leading to stockpile area	Straw mulch or hydroseed	⊠Yes 7/30/2021 □No	The stockpile area and associated access road have been hydroseeded. Germination has begun and the area will be monitored for successful establishment.
Informal access road along northern portion of the Site	Straw mulch or hydroseed	□Yes [Enter date] ⊠No	Erosion channels are beginning to form within upgradient portions of the informal access road (Figure 1). The contractor indicated that stabilization by smoothing out soils and seeding or spreading mulch would occur on 7/30/2021. Stabilization of this area has not been initiated. After inspection of the area on 8/24/2021, it was determined that

^{*} Note: The permit differentiates between conditions requiring routine maintenance, and those requiring corrective action. The permit requires maintenance in order to keep controls in effective operating condition. Corrective actions are triggered only for specific conditions, which include: 1) A stormwater control needs repair or replacement (beyond routine maintenance) if it is not operating as intended; 2) A stormwater control necessary to comply with the permit was never installed or was installed incorrectly; 3) You become aware that the stormwater controls you have installed and are maintaining are not effective enough for the discharge to meet applicable water quality standards or applicable requirements in Part 3.1; 4) One of the prohibited discharges in Part 1.3 is occurring or has occurred; or 5) EPA requires corrective actions as a result of a permit violation found during an inspection carried out under Part 4.8. If a condition on your site requires a corrective action, you must also fill out a corrective action form found at https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources. See Part 5 of the permit for more information.

Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G

Inspection Date: 09/17/2021

				temporary swales would likely alleviate the issue of channelization in this area; however, these swales will not be constructed until work resumes at the Site in October (pending local approval). This area will continue to be monitored; however, stabilization is not required since the area is not discharging sediment beyond the limits of work.
3	. Area beyond the limits of work at Discharge 1	Hand application of seed	⊠Yes 8/24/2021 □No	The sediment deposit previously observed has been removed from beyond the limits of work and the area has been seeded. No sediment migrated within 50 feet of a "water of the US". Straw and additional seed was applied on 8/24/2021 and will be monitored for successful establishment.
4	. Area beyond limits of work at Discharge 2	Hand application of seed	□Yes Enter Date □No	Stabilization required

	Description of Discharges (CGP Part 4.6.6)
Was a stormwater discharge or other discharge If "yes", provide the following information fo	occurring from any part of your site at the time of the inspection? Yes No reach point of discharge:
Discharge Location	Observations
Discharge 1	Describe the discharge: Breach in silt fence allowed runoff to bypass erosion controls. At points of discharge and the channels and banks of surface waters in the immediate vicinity, are there any visible signs of erosion and/or sediment accumulation that can be attributed to your discharge? Yes No If yes, describe what you see, specify the location(s) where these conditions were found, and indicate whether
	modification, maintenance, or corrective action is needed to resolve the issue: Small areas of bare soil observed in area immediately beyond perimeter controls. Repairs to erosion controls and re-seeding of damaged areas is required.

Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G

Printed Name and Affiliation:

Inspection Date:

09/17/2021

Contractor or Subcontractor Signature and Certification	
"I certify under penalty of law that this document and all attachments were prepared under my direction system designed to assure that qualified personnel properly gathered and evaluated the information subn person or persons who manage the system, or those persons directly responsible for gathering the informations to find the system of the information	nitted. Based on my inquiry of the tion, the information submitted is, to the nformation submitted is other than true,
Signature of Contractor or Subcontractor: Date:	
Printed Name and Affiliation:	
* X	1
Operator Signature and Certification	
"I certify under penalty of law that this document and all attachments were prepared under my direction system designed to assure that qualified personnel properly gathered and evaluated the information subn	

Amanda Makela

9/17/20201

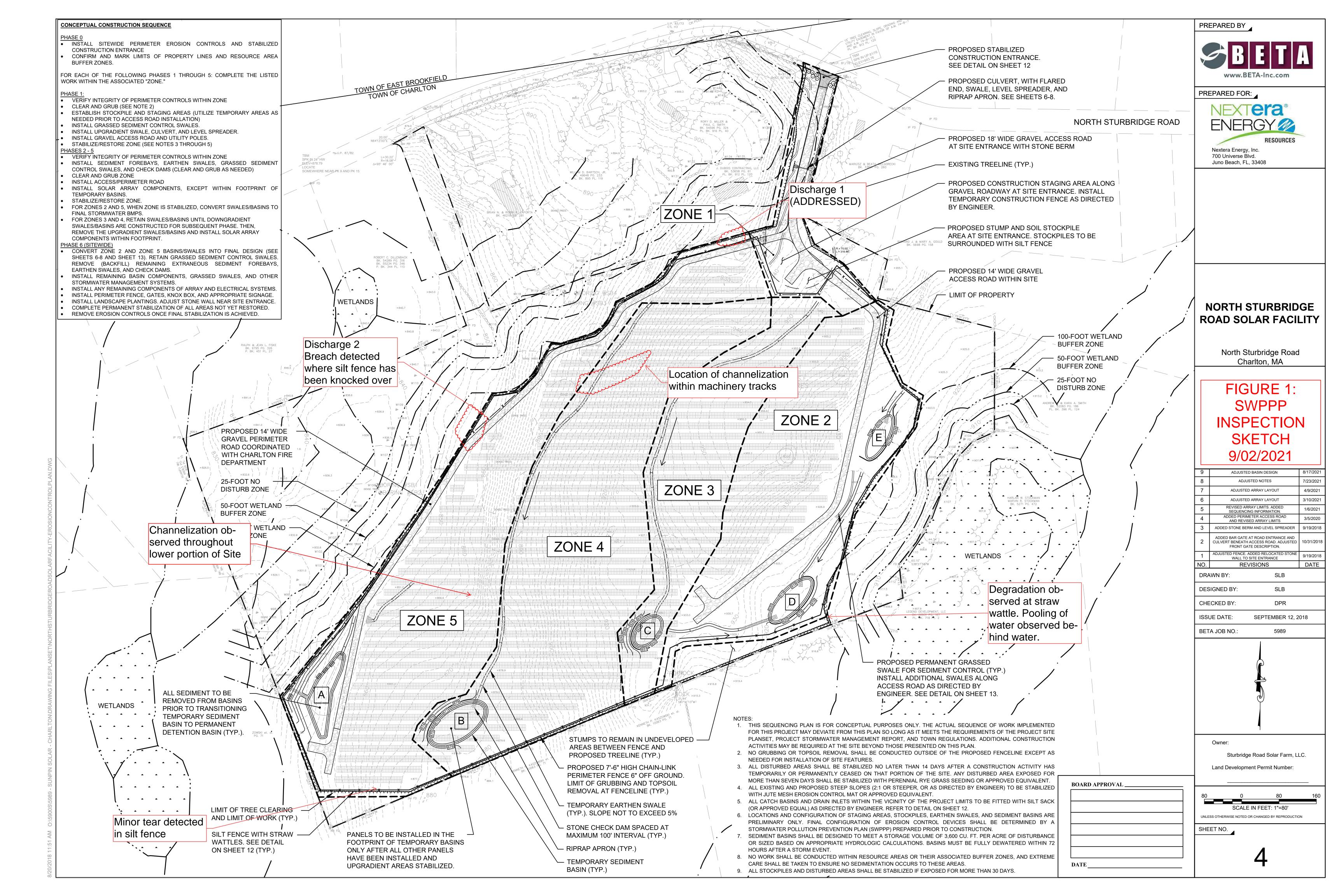


Photo 1



View of tree fallen on northwestern portion of Zone 5.

Photo 2



View of area downgradient of Discharge 2—facing west.

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 09.17.2021

Photo 3



View of the damaged silt fence in southern perimeter of Site —facing south.

Photo 4



View of degraded straw wattle at southeast perimeter of Site —facing east.

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 09.17.2021