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

Inspection Date: 8/24/2022

			General Info	ormation						
Weather conditions during inspection	78°F, (Clear	Inspection start	12:00 PM	Inspection	1:00 PM				
Inspector Name, Title Contact Information	&	Chanler Florian, Scientist (BETA	Group, Inc.) cflorian	@beta-inc.com, 860.329.7045						
Present Phase of Construction		Phase 1. NOTE: The access road and stabilized construction entrance has been established pursuant to the Phase 1 scope of work. 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 North Sturbridge Road Solar Facility – Entirety of Site (0 North Sturbridge Road, Charlton, MA										
Standard Frequency:		ı may be subject to different inspect	·		, , , ,					
∐ Every 14 days a I	nd within 2	4 hours of a 0.25" rain or the occ	urrence of runoff fron	n snowmelt sufficient to cause a	ı discharge					
Increased Frequency Every 7 days		24 hours of a 0.25" rain (for area	s of sites discharging	to sediment or nutrient-impaired	d waters or to wate	rs designated as Tier 2, Tier 2.5,				
or Tier 3)										
Reduced Frequency:										
☐ Twice during first	month, no	more than 14 calendar days ap	art; then once per m	onth after first month; (for stabili	zed areas)					
☐ Twice during first	month, no	more than 14 calendar days ap	art; then once more	within 24 hours of a 0.25" rain (f	or stabilized areas	on "linear construction sites")				
☐ Once per month	and within	n 24 hours of a 0.25" rain (for arid	, semi-arid, or drough	nt-stricken areas during seasona	lly dry periods or d	uring drought)				
☐ Once per month	(for frozer	n conditions where earth-disturbing	ng activities are being	g conducted)						
		a 0.25" storm event? ∑Yes ☐								
		ned whether a 0.25" storm event		otion course a construction of a research	und com The Overd	and WMA CHADIAI				
		ather station representative of sit		ation source: www.wundergrou	ina.com ine Oven	JOK - KIVIACHARLTT				
Total rainfall amount that triggered the inspection (inches): 0.27"										
Was this inspection triggered by the occurrence of runoff from snowmelt sufficient to cause a discharge? \square Yes \square No										

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Insafe	Conditions	for	Inspection
Jiijaic	Conditions	101	mapacinon

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 Erosion and Sediment (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	No	3/15/2022	On 8/24/2022 BETA observed fallen tree damage to the silt fence on the western perimeter of the Site, damage was first observed on 6/20/2022 On 8/24/2022 BETA observed damage to the wattles in the northeast and eastern corners of the Site, damage was first observed on 3/15/2022. BETA also observed the silt fence to be partly torn in the southeastern corner of the Site, damage was first observed on 3/27/2022. General maintenance is needed for the entire silt fence. No evidence of discharge was observed.		
Stabilized Construction Entrance (Site Entrance – Access Road)	No	No				
3. Stump and Soil Stockpile Area	No	No				
4. Dust Controls	N/A	N/A				
5. Jute Mesh (Steep Slopes)	N/A	N/A				
6. Temporary Seeding	No	No				

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ispection bate. 6/24/2022													
7. Topsoil Re-Use 8. Storm Drain Inlets (North Brookfield Road) 9. Temporary Drainage Swall (Throughout Site) 10. Temporary Sediment Basin (Throughout Site)		N/A N/A N/A		N/A N/A N/A									
		Condit	ion and	Effectiv	eness c	of Pollution P	revention	n (P2) P	Practices	(CGP Part	2.3)		
Type/Location of P2 Practices [insert additional rows if applicable]	Mainter Needec	nance	Correct Action Require	tive	Date or Mainte Correc	n Which nance or tive Action entified?	Notes	. , ,		,	,		
Equipment Refueling	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
Staging Area 2. Hydraulic Lines	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
Staging/Work Areas	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
Equipment Maintenance Staging Area	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
4. Sanitary Toilets	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
Staging Area 5. Vehicle Accident	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							
Entire Site	□Yes	⊠No	□Yes	⊠No	[Enter o	date]							

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

Stabilization of Exposed Soil (CGP Part 2.2.14)							
Stabilization Area [insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes				
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 and grass has been established.				
Informal access road along northern portion of the Site	Straw mulch or hydroseed	□Yes ⊠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.

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13PCC11011 Date: 0/24/2022		<u> </u>	·
			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 the spring (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.
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.
			On 10/2/2021 BETA verified that grass seed had been successful established at Discharge 1 and 2. BETA will continue to monitor grass growth.
Area beyond limits of work at Discharge 2	Hand application of seed	⊠Yes 8/24/2021 □No	On 4/8/2022 BETA observed the recently seeded grass to be established.

	Description of Discharges (CGP Part 4.6.6)
Was a stormwater discharge or other discharge of the following information for	each point of discharge:
Discharge Location	Observations
Discharge 1	Describe the discharge: NA 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? No Yes 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: NA

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Contractor or Subcontractor Signature and Certification

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I have no personal knowledge that the information submitted is other than true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowling violations."

Signature of Contractor or Subcontractor:

Date:

Printed Name and Affiliation:

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the

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Signature of Operator or "Duly Authorized Representative":

Printed Name and Affiliation:

Chanler Florian

a-7.

8/24/2022

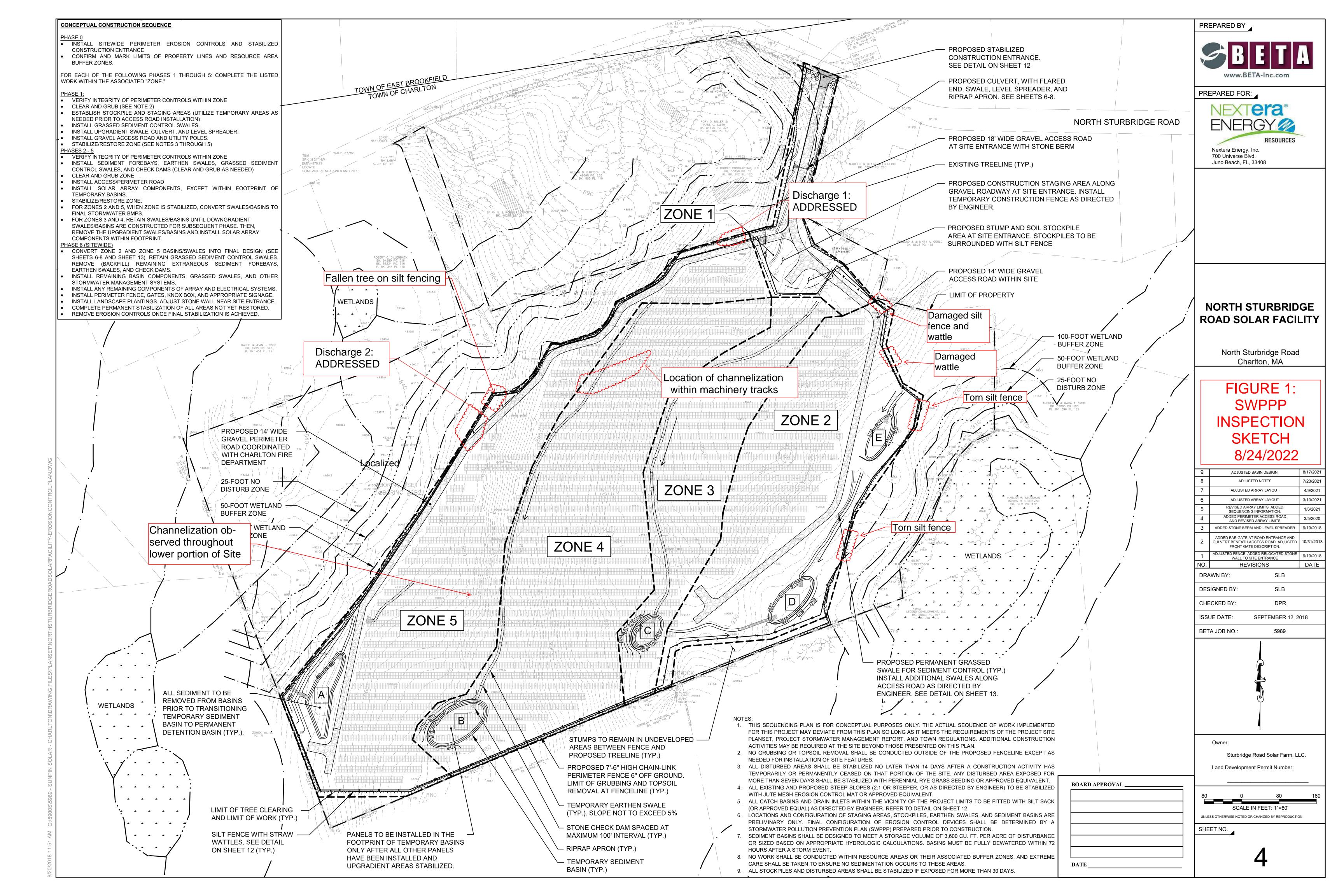


Photo 1



View of damaged silt fence in northeastern portion of the Site — facing east

Photo 2



View of damaged silt fence in northeast portion of the Site — facing northeast

PHOTOGRAPHIC DOCUMENTATION
North Sturbridge Road Solar Facility
Charlton, Massachusetts
Photographs Documented 8.24.2022

Photo 3



View of fallen tree damage to silt fence in southwestern portion of the Site — facing north

Photo 4



View of damaged silt fence in southeastern portion of the Site — facing northeast

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 8.24.2022