			General In	formation					
Weather conditions during inspection	43ºF, 0	cloudy, gusty	Inspection	10:00AM	Inspection end time	10:45 AM			
		Chanler Florian, Enviror cflorian@beta-inc.com	imental Scientist (BETA Grou 860	ip, Inc.) 3297045					
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 S	h Sturbridge Road Solar Facility – Entirety of Site (0 North Sturbridge Road, Charlton, MA 01507)						
Inspection Frequency Standard Frequency Every 7 days		u may be subject to differer	nt inspection frequencies in diff	erent areas of the site. Chec	k all that apply)				
🛛 Every 14 days a	and within 2	24 hours of a 0.25" rain or	the occurrence of runoff fro	om snowmelt sufficient to	cause a discharge				
Increased Frequence Every 7 days or Tier 3)	5	24 hours of a 0.25" rain (	for areas of sites discharging	g to sediment or nutrient-ir	mpaired waters or to wate	ers designated as Tier 2, Tier 2.			
Reduced Frequency	<b>/</b> :								
		more than 14 calendar	days apart; then once per r	month after first month; (fe	or stabilized areas)				
						on "linear construction sites")			
			(for arid, semi-arid, or droug						
			-disturbing activities are bei		5 5 1	0 0 /			
Was this inspection t	riggered b	y a 0.25" storm event?	X Yes 🗌 No	-					
		ned whether a 0.25" storr							
🗌 Rain gauge	on site	🛛 Weather station rep	presentative of site. Specify	weather station source:	Worcester Regional Airport	t			
Total rainfall am	ount that tri	ggered the inspection (ir	nches): 0.25″						
Was this inspection triggered by the occurrence of runoff from snowmelt sufficient to cause a discharge? $\Box$ Yes $igarsimes$ No									
				-					

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 Erosion and Sediment (E&S) Controls (CGP Part 2.2)					
Type/Location of E&S Control	Maintenance Needed?*				
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.	
2. 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 germinate, some grass seedlings are now observed.	
3. Stump and Soil Stockpile Area	No (As of 7/22/2021)	No	10/29/	Minor tears were observed in the silt fence along the eastern boundaries of the Site, due to staples becoming dislodged from	
4. Dust Controls	N/A	N/A	2021	wooden stakes. The straw wattles are still intact.	
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	

		,						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.
						10/05/ 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		N/A		N/A				Seedling growth is observed
(North Brookfield Road)						10/29/		Localized pooling is ob-
9. Temporary Drainage Swales	S	N/A		N/A		2021		served in the eastern portion of the site.
(Throughout Site)		N/A		N/A				
10 Tomporan Sodimont Pasing								
Type/Location of P2 Practices	Mainte	<u>Condi</u> enance	tion and Correc			<u>of Pollution P</u> n Which	reventio Notes	on (P2) Practices (CGP Part 2.3)
[insert additional rows if applicable]	Neede		Action Require		Mainte Correc	enance or tive Action	110105	
					First Ide	entified?		
1. Equipment Refueling	□Yes	⊠No	□Yes	⊠No	[Enter	date]		
Staging Area			<b>—</b>					
2. Hydraulic Lines	L Yes	⊠No	∐Yes	⊠No	[Enter	date]		
Staging/Work Areas	□Yes	⊠No	□Yes	⊠No	[Enter	date]		
3. Equipment Maintenance		_		_				
Staging Area	∐Yes	⊠No	∐Yes	⊠No	[Enter	date]		
4. Sanitary Toilets	□Yes	⊠No	□Yes	⊠No	[Enter	date]		
Staging Area								
5. Vehicle Accident	□Yes	⊠No	☐ Yes	⊠No	[Enter	date]		
Entire Site	. 🗆 Yes	⊠No	. □Yes	⊠No	[Enter	date]		Dage 2 of 7

#### Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G Inspection Date: 11/19/2021

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

\* 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 <a href="https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources">https://www.epa.gov/npdes/stormwater-discharges-construction-activities#resources</a>. See Part 5 of the permit for more information.

Stabilization of Exposed Soil (CGP Part 2.2.14)						
Stabilization Area [insert additional rows if applicable]	Stabilization Method	Have You Initiated Stabilization?	Notes			
<ol> <li>Earthen access road leading to stockpile area</li> </ol>	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.			
2. 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			

nspection Date: 11/19/2021			
			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.
<ol> <li>Area beyond the limits of work at Discharge 1</li> </ol>	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.
<ol> <li>Area beyond limits of work at Discharge 2</li> </ol>	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 occurring from any part of your site at the time of the inspection? $\Box$ Yes $\boxtimes$ No If "yes", provide the following information for each 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? 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 Inspection Date: 11/19/2021

### 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 knowing violations."

Signature of Contractor or Subcontractor:

Date:

Printed Name and Affiliation:

**Operator 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 knowing violations."

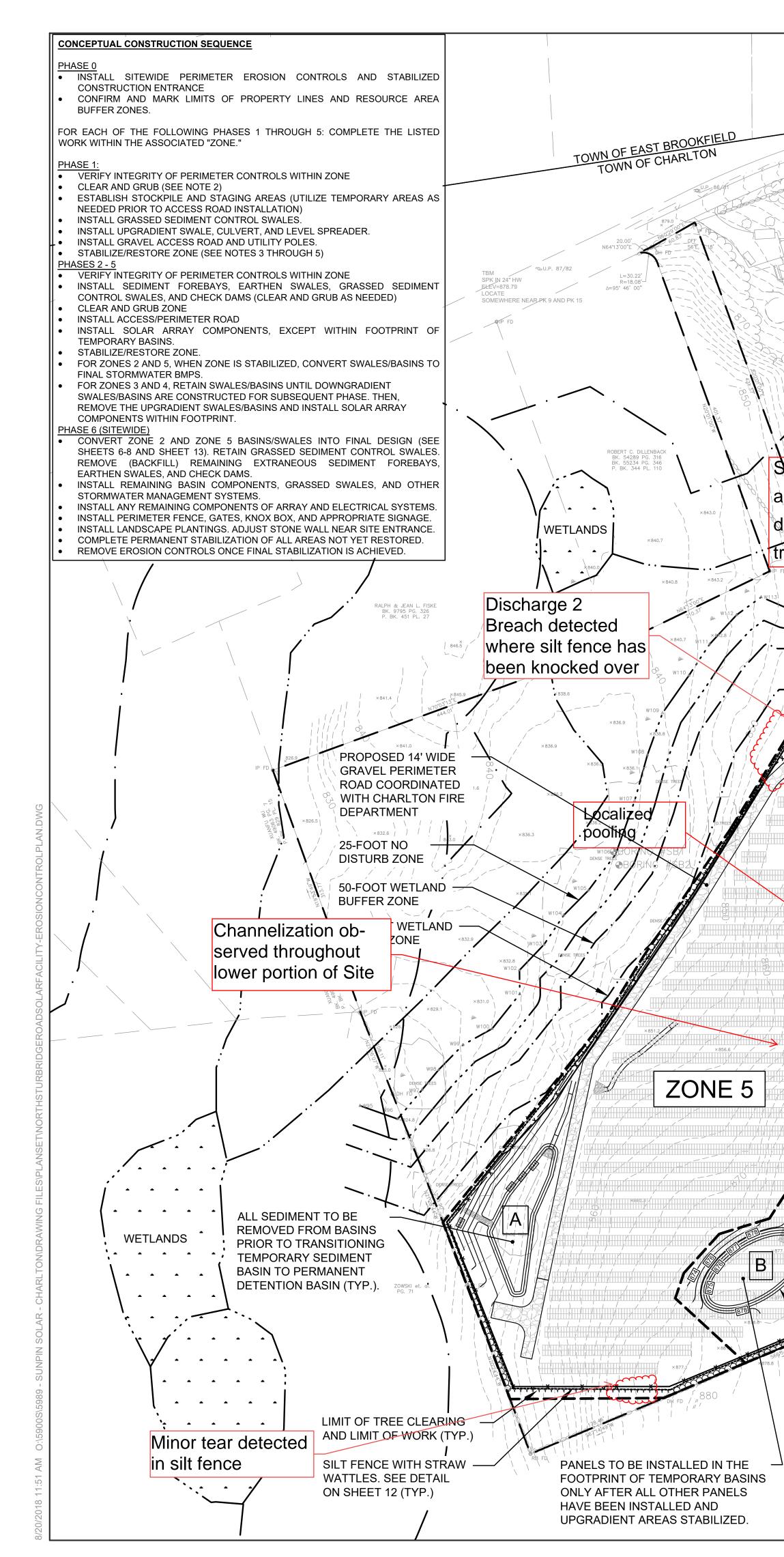
Signature of Operator or "Duly Authorized Representative":

Ce 7. Date:

Chanler Florian

11/19/2021

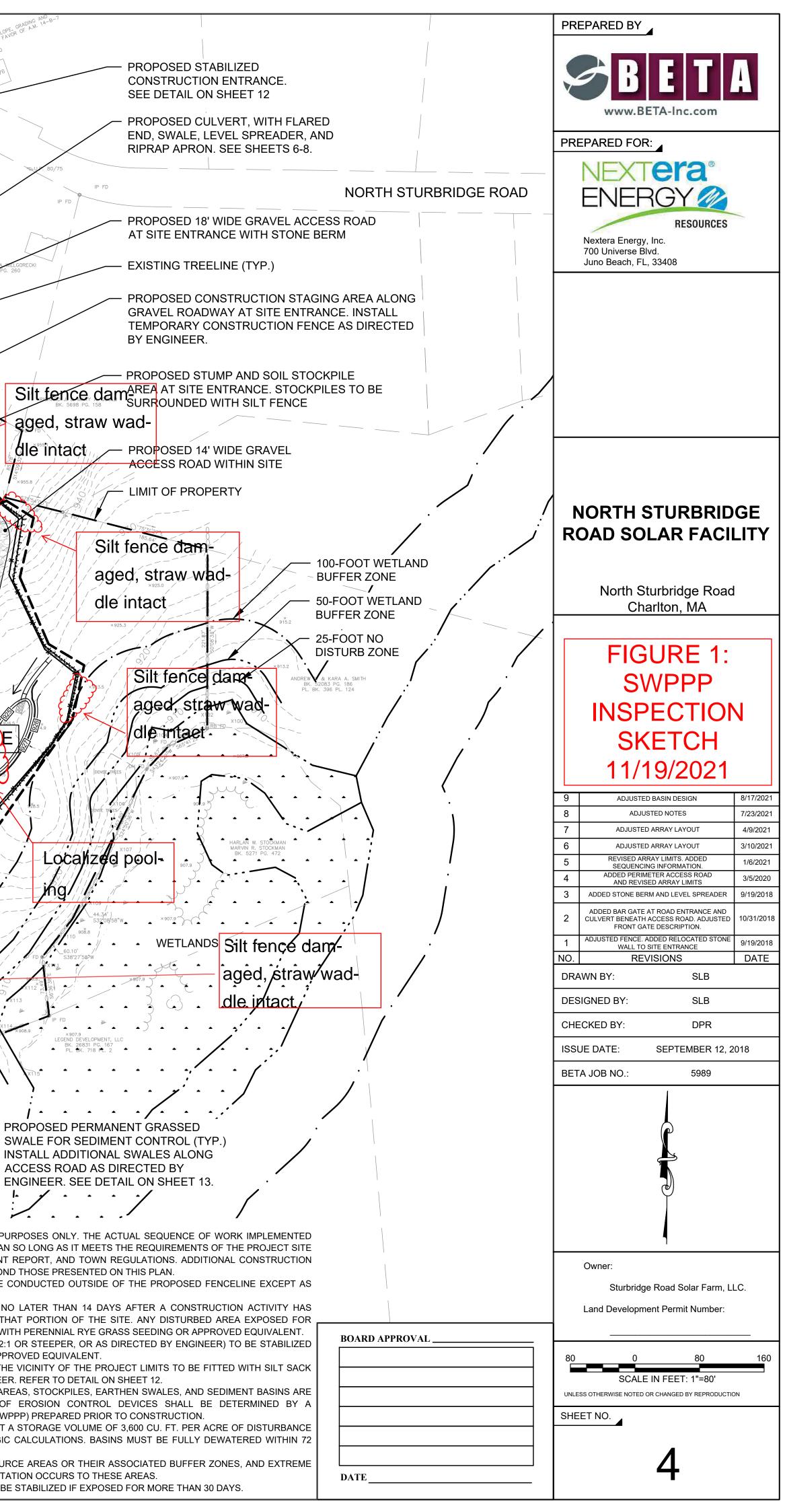
Printed Name and Affiliation:

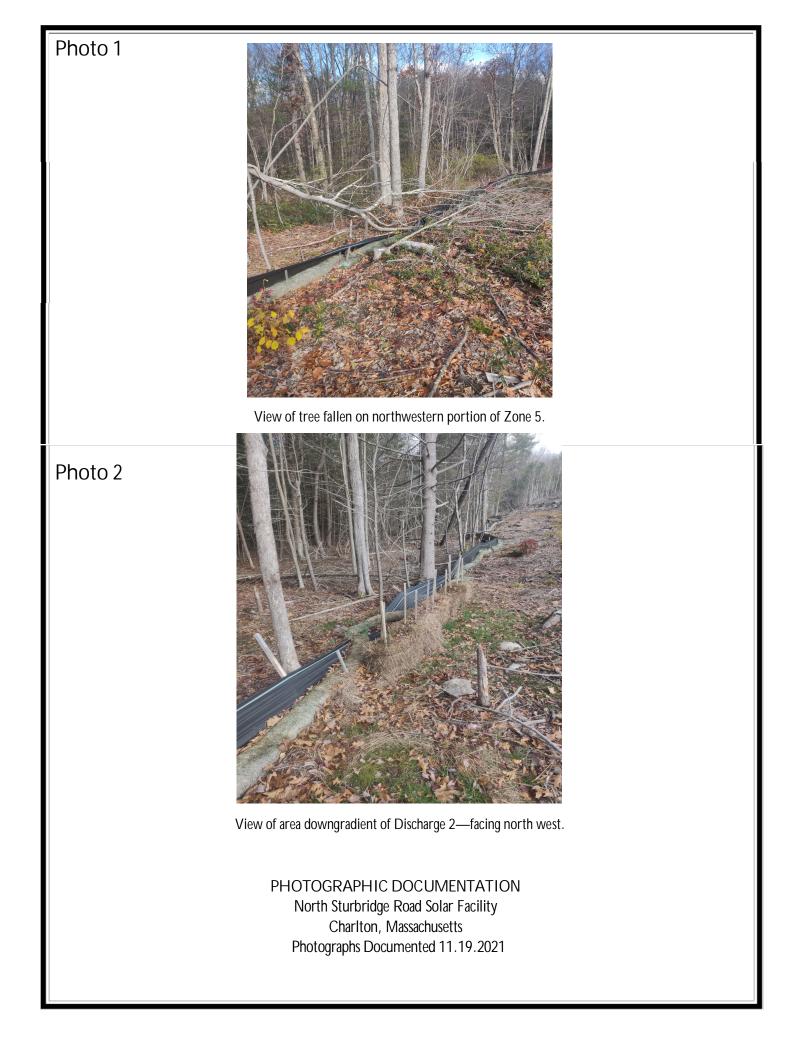


Discharge 1 (ADDRESSED) Silt fence dam-ZONE aged, straw waddle intact aged, straw wadilt fence damdleiintact aged, straw waddle intact, fallen tree observed, Location of channelization within machinery tracks ZONE 2 ZONE 3 ZONE 4 • • • • ACCESS ROAD AS DIRECTED BY NOTES: 1. THIS SEQUENCING PLAN IS FOR CONCEPTUAL PURPOSES ONLY. THE ACTUAL SEQUENCE OF WORK IMPLEMENTED FOR THIS PROJECT MAY DEVIATE FROM THIS PLAN SO LONG AS IT MEETS THE REQUIREMENTS OF THE PROJECT SITE STUMPS TO REMAIN IN UNDEVELOPED -PLANSET, PROJECT STORMWATER MANAGEMENT REPORT, AND TOWN REGULATIONS. ADDITIONAL CONSTRUCTION ACTIVITIES MAY BE REQUIRED AT THE SITE BEYOND THOSE PRESENTED ON THIS PLAN. AREAS BETWEEN FENCE AND 2. NO GRUBBING OR TOPSOIL REMOVAL SHALL BE CONDUCTED OUTSIDE OF THE PROPOSED FENCELINE EXCEPT AS PROPOSED TREELINE (TYP.) NEEDED FOR INSTALLATION OF SITE FEATURES **PROPOSED 7'-6" HIGH CHAIN-LINK** 3. ALL DISTURBED AREAS SHALL BE STABILIZED NO LATER THAN 14 DAYS AFTER A CONSTRUCTION ACTIVITY HAS TEMPORARILY OR PERMANENTLY CEASED ON THAT PORTION OF THE SITE. ANY DISTURBED AREA EXPOSED FOR PERIMETER FENCE 6" OFF GROUND. MORE THAN SEVEN DAYS SHALL BE STABILIZED WITH PERENNIAL RYE GRASS SEEDING OR APPROVED EQUIVALENT LIMIT OF GRUBBING AND TOPSOIL 4. ALL EXISTING AND PROPOSED STEEP SLOPES (2:1 OR STEEPER, OR AS DIRECTED BY ENGINEER) TO BE STABILIZED REMOVAL AT FENCELINE (TYP.) WITH JUTE MESH EROSION CONTROL MAT OR APPROVED EQUIVALENT. 5. ALL CATCH BASINS AND DRAIN INLETS WITHIN THE VICINITY OF THE PROJECT LIMITS TO BE FITTED WITH SILT SACK TEMPORARY EARTHEN SWALE (OR APPROVED EQUAL) AS DIRECTED BY ENGINEER. REFER TO DETAIL ON SHEET 12. (TYP.). SLOPE NOT TO EXCEED 5% 6. LOCATIONS AND CONFIGURATION OF STAGING AREAS, STOCKPILES, EARTHEN SWALES, AND SEDIMENT BASINS ARE PRELIMINARY ONLY. FINAL CONFIGURATION OF EROSION CONTROL DEVICES SHALL BE DETERMINED BY A STONE CHECK DAM SPACED AT STORMWATER POLLUTION PREVENTION PLAN (SWPPP) PREPARED PRIOR TO CONSTRUCTION MAXIMUM 100' INTERVAL (TYP.) SEDIMENT BASINS SHALL BE DESIGNED TO MEET A STORAGE VOLUME OF 3,600 CU. FT. PER ACRE OF DISTURBANCE OR SIZED BASED ON APPROPRIATE HYDROLOGIC CALCULATIONS. BASINS MUST BE FULLY DEWATERED WITHIN 72 · RIPRAP APRON (TYP.) HOURS AFTER A STORM EVENT

> TEMPORARY SEDIMENT BASIN (TYP.)

8. NO WORK SHALL BE CONDUCTED WITHIN RESOURCE AREAS OR THEIR ASSOCIATED BUFFER ZONES, AND EXTREME CARE SHALL BE TAKEN TO ENSURE NO SEDIMENTATION OCCURS TO THESE AREAS. ALL STOCKPILES AND DISTURBED AREAS SHALL BE STABILIZED IF EXPOSED FOR MORE THAN 30 DAYS.







### Photo 4

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



View of damaged silt fence in south west portion of the Site —facing south west

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 11.19.2021



View of the water pooling in eastern perimeter of Site —facing south east.



View of damaged silt fence in south west portion of the Site —facing south west

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 11.19.2021

Photo 6



View of damaged silt fence in eastern portion of the Site ---facing east

Photo 8



View of damaged silt fence in eastern portion of the Site ---facing east

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 11.19.2021



View of damaged silt fence in eastern portion of the Site ---facing east



View of damaged silt fence in north western portion of the Site ---facing north west

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 11.19.2021

Photo 10