| | | | General Inf | ormation | | | | | |
|--|---------------------------|--|-------------------------|-----------------------------|---------------------------|-----------------------------------|--|--|--|
| Weather conditions during inspection | 57ºF, | cloudy, gusty, raining | | Inspection 2:30PM | Inspection end time | 3:30 PM | | | |
| Inspector Name, Title & Chanler Florian, Environmenta Contact Information cflorian@beta-inc.com | | | | 297045 | | | | | |
| 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 01507) | | | | | | | |
| Standard Frequenc Every 7 days Every 14 days Increased Frequence | y: and within : cy: | u may be subject to different inspect 24 hours of a 0.25" rain or the occ | surrence of runoff from | n snowmelt sufficient to ca | use a discharge | | | | |
| U Every 7 day or Tier 3) | s and withir | a 24 hours of a 0.25" rain (for area | s of sites discharging | to sediment or nutrient-imp | paired waters or to wat | ers designated as Tier 2, Tier 2, | | | |
| Reduced Frequenc | y: | | | | | | | | |
| _ | | o more than 14 calendar days ap | | | | | | | |
| _ | | o more than 14 calendar days ap | | | • | | | | |
| | | in 24 hours of a 0.25" rain (for arid n conditions where earth-disturbir | • | | isonally dry periods or (| auring drought) | | | |
| | | y a 0.25" storm event? \square Yes | * | g conducted) | | | | | |
| | | ined whether a 0.25" storm event | | | | | | | |
| Rain gauge on site 🛛 Weather station representative of site. Specify weather station source: Worcester Regional Airport | | | | | | | | | |
| Total rainfall am | ount that tr | iggered the inspection (inches): C | 0.25″ | | | | | | |
| Was this inspection triggered by the occurrence of runoff from snowmelt sufficient to cause a discharge? \Box Yes $igtimes$ No | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
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| | | | | | | | | | |

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 c | of Erosion and Sedim | ent (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 | 5 | N/A | | N/A | | 2021 | | served in the eastern portion of the site. |
| (Throughout Site) | | N/A | | N/A | | | | |
| 10 Tomporany Sodimont Pacing | | Condi | tion and | 1 Effectiv | ieness (| of Pollution P | reventio | on (P2) Practices (CGP Part 2.3) |
| Type/Location of P2 Practices [insert additional rows if applicable] | Mainte Neede | enance | Correc Action Require | tive | Date o Mainte Correc | n Which enance or ctive Action entified? | Notes | |
| 1. Equipment Refueling | □Yes | ⊠No | □Yes | ⊠No | [Enter | date] | | |
| Staging Area | | | | | | | | |
| 2. Hydraulic Lines | | ⊠No | □Yes | ⊠No | [Enter | date] | | |
| Staging/Work Areas | | ⊠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] | | |

Inspection Report for North Sturbridge Road Solar Facility NPDES ID No.: MAR10031G Inspection Date: 11/12/2021

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

| 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. 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: 11/12/2021 | | | |
|---|--------------------------|---------------------|---|
| | | | 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. |
| 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. |
| 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 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: 11/12/2021

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":

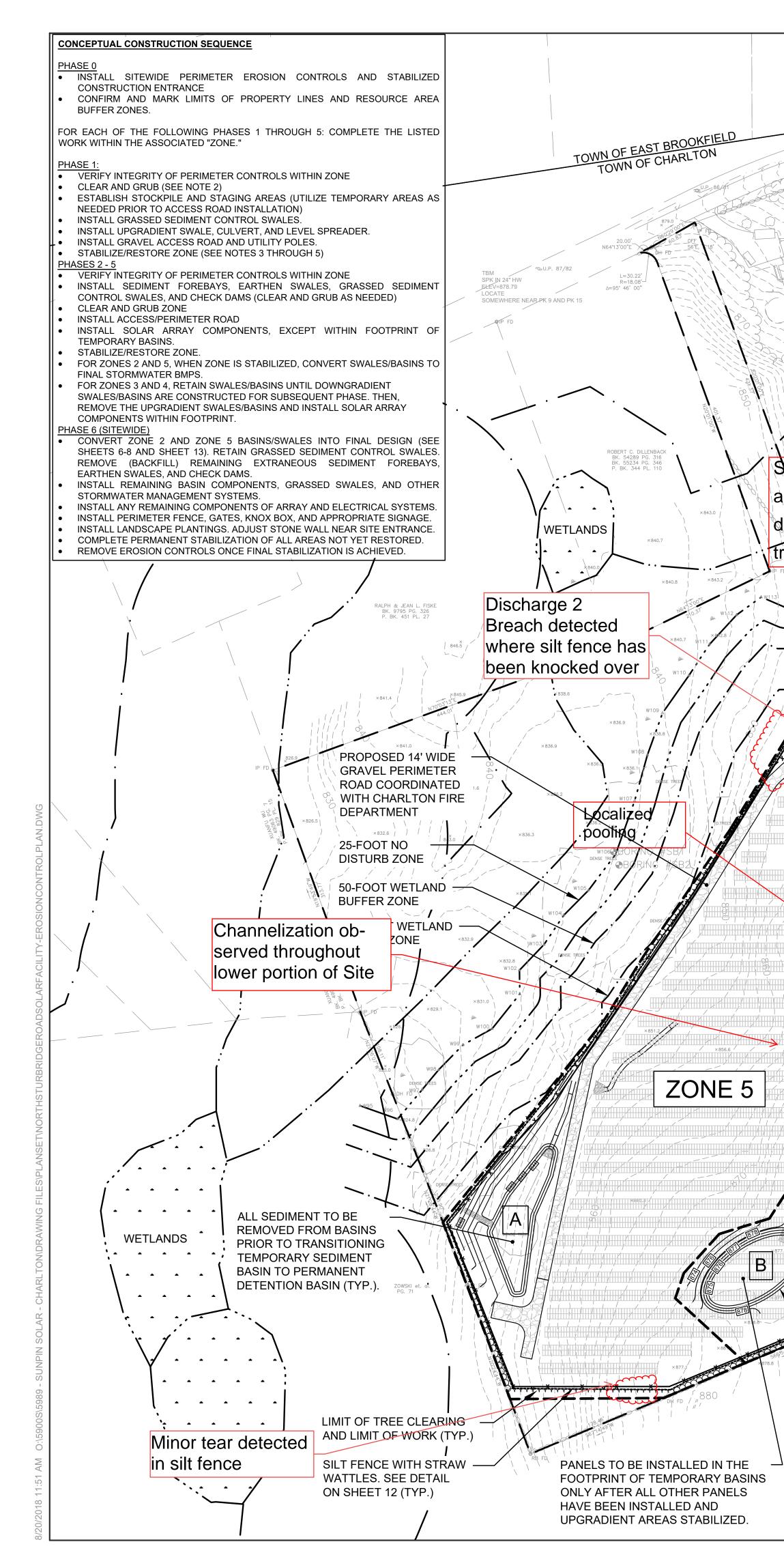
Ce 1/-Date:

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11/12/2021

Printed Name and Affiliation:

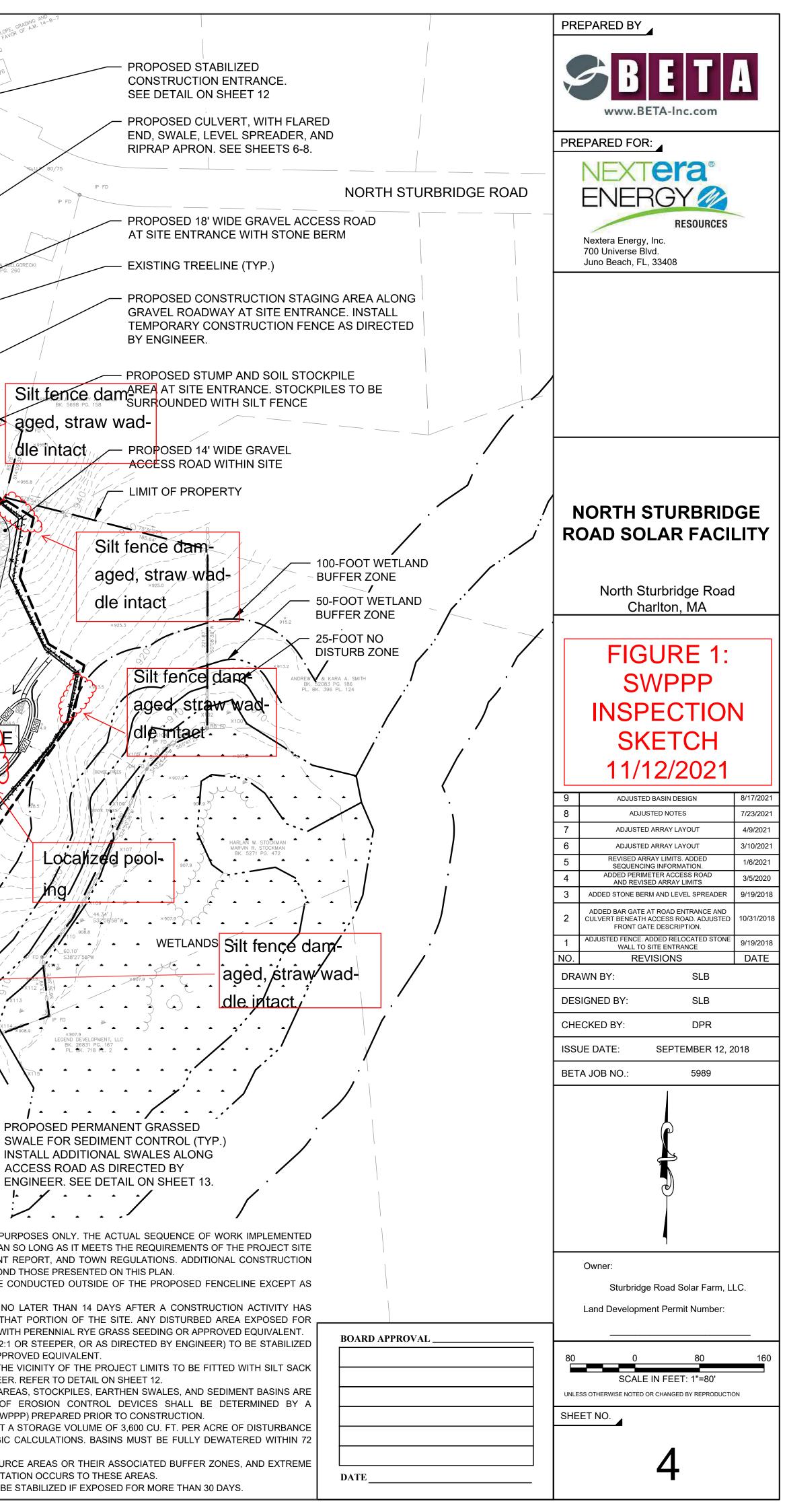
Chanler Florian



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.



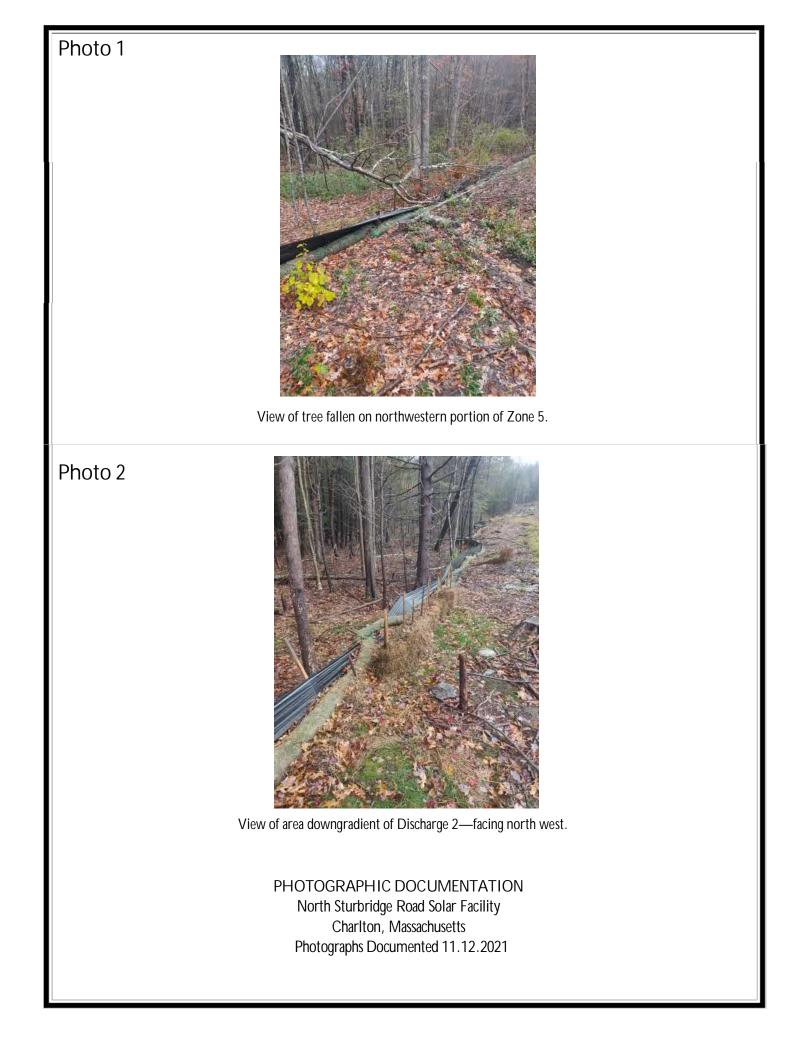


Photo 3



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

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Photo 5



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 11.12.2021

Photo 6



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

Photo 8

Photo 7



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

PHOTOGRAPHIC DOCUMENTATION North Sturbridge Road Solar Facility Charlton, Massachusetts Photographs Documented 11.12.2021

Photo 9



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 11.12.2021

Photo 10