

July 17, 2017

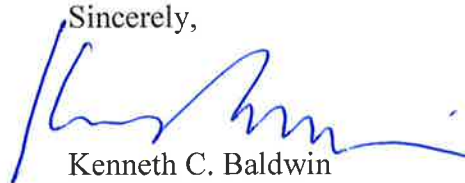
Melanie A. Bachman, Esq.  
Executive Director/Staff Attorney  
Connecticut Siting Council  
10 Franklin Square  
New Britain, CT 06051

Re: **Petition No. 1178 – Fusion Solar Center, LLC – Environmental Monitoring Daily Site Observation Form Report Nos. 11 and 12**

Dear Ms. Bachman:

Enclosed is a copy of Environmental Monitoring Daily Site Observation Form Report Nos. 11 and 12 for the Fusion Solar Center facility in Sprague, Connecticut. If you have any questions regarding the information contained in these reports please do not hesitate to contact Dean Gustafson, Matt Gustafson or me.

Sincerely,



Kenneth C. Baldwin

KCB/kmd  
Enclosures  
Copy to:

Michael Perrone, Siting Analyst  
Timothy Bates  
Lance Weinkamer  
Chance Combs  
Nick Detelich  
Will Porter  
Dean Gustafson  
Matt Gustafson

16795117-v1



**ENVIRONMENTAL MONITORING**  
**DAILY SITE OBSERVATION FORM**

**Report No. 11**

Project: DEPCOM Power, Fusion Solar Center  
 Address: Potash Hill Road, Sprague, Connecticut

APT Project #: CT511100

Date of Inspection: 6/7/2017	Weather: sunny, low, 70's
Time of Inspection: 12:00 PM	Latest Precipitation Event > 1/4" (NOAA):0.30" on 6/7/2017
Compliance Monitor:	Matthew Gustafson, Wetland Scientist

<b>Regulatory Compliance Permitting Agency &amp; Permit ID:</b>	
CT Siting Council <input checked="" type="checkbox"/> : Petition No. 1178, dated September 22, 2015	
CTDEEP NDDDB <input checked="" type="checkbox"/> : 201504279, dated January 28, 2016	
<b>Resource Protection Program:</b>	
Rare Species	<input checked="" type="checkbox"/> Species Name: wood turtle, bobolink, breeding birds & Wildlife Enhancement
Wetland	<input checked="" type="checkbox"/>
Vernal Pool	<input checked="" type="checkbox"/>
Workers Environmental Awareness Program Training Completed: Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	
Date of Training: 2/15/17	
Signage Installed Date: 2/3/2017	
Compliance Species Observed During Inspection: Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Species Name: N/A	
# Species: N/A	
<b>Progress of Construction:</b>	
Pre-Construction	<input type="checkbox"/>
Initial Exclusion Fencing Inspection	<input type="checkbox"/>
Clearing & Grubbing	<input type="checkbox"/>
Intermediate	<input checked="" type="checkbox"/>
Final Inspection	<input type="checkbox"/>

DESCRIPTION OF OBSERVED ACTIVITY	
Compliance Level:	
Communication <input type="checkbox"/> Acceptable <input type="checkbox"/> Problem Area <input checked="" type="checkbox"/> <ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Minor exclusion fencing repair required</li> <li><input type="checkbox"/> Additional exclusion fencing required</li> <li><input type="checkbox"/> Additional sedimentation &amp; erosion control measure required</li> <li><input type="checkbox"/> Sediment release into upland habitat without risk of resource impact</li> <li><input checked="" type="checkbox"/> Silt laden water release into upland habitat without risk of resource impact</li> <li><input type="checkbox"/> Soil stabilization required</li> <li><input type="checkbox"/> Brush/logs in wetlands</li> </ul> Non-Compliance <input type="checkbox"/> <ul style="list-style-type: none"> <li><input type="checkbox"/> Sediment release into upland habitat with risk of resource impact</li> <li><input type="checkbox"/> Sediment release into wetland habitat</li> <li><input type="checkbox"/> Sediment release into watercourse</li> </ul>	
Issues Requiring Corrective Action ("CA")	Corrective Action Implemented
Corrective Action #1 - Brush/logs in wetlands in southeast portion of property.	1/20/17
Corrective Action #2 – Eastern project limits of installed silt fence had 4 breaches (small holes) identified and flagged with orange tape.	2/14/17
Corrective Action #3 – Southern portion of silt fence needs 3 CA; one breach (small hole), one 10-foot section needs to be trenched in and corner near construction road needs repair – 10' section collapsed.	2/14/17
Corrective Action #4 – numerous areas of silt fence have separated from staking or ripped resulting in sagging and disconnected silt fencing needing repair. These tears in the silt fence have also resulting in two gaps/holes (3/7/17 additional areas were identified and repairs were started during the inspection).	4/3/17
Corrective Action #5 – Several areas where wood chip backing to silt fence is pushed up to the top of the silt fence. Wood chips need to be pushed away from silt fence to not allow herpetofauna migration into work zone.	3/7/17
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Corrective Action #7 – numerous areas of silt fence have separated from staking or ripped resulting in sagging and disconnected silt fencing needing repair. (4/3 previous areas fixed CA #4 – new areas have been identified as of this inspection date).	5/15/17

<p>Corrective Action #8 – One area identified where gaps in silt fence formed underneath due to focused erosion from stormwater flows. Small sediment release in uplands with little risk of migration off-site or into wetlands.</p>	<p>Original areas repaired by 5/15/17  Same locations resulted in silt fence failure requiring repair. Additional reinforcement controls added to this area including reinforced silt fence has not been completed. Repairs underway, not completed yet, ongoing.</p>
<p>Corrective Action #9 – SB-2 and SB-3 not retaining volume due to low flow outlet pipe not closing, blocked entry to temporarily allow for basin to fill up and outlet via armored outlet or skimmer outfall.</p>	<p>5/15/17</p>
<p>Corrective Action #10 – add new armored swale in southwest project corner to protect outlet flows from SB-3, add check dams to all problem drainage/diversion channels (maintain after each rain storm).</p>	<p>5/15/17</p>
<p>Corrective Action #11 – silt fence in several areas needs to be repaired, cleaned or stakes replaced.</p>	<p>All repairs noted previously completed 5/15/17  Several new areas identified, some created due to damage from permanent fence install. Repairs are ongoing.</p>
<p><b>Project Modification Requested:</b></p>	
<p>Extra work space requested <input type="checkbox"/></p> <p>Change to work area <input type="checkbox"/></p> <p>Change to stormwater feature <input type="checkbox"/></p> <p>Description of Modification: N/A</p>	

**Notes:**

1/17/17 – construction entrance road with anti-tracking pad installed; land clearing activities 50-60% complete; initial grubbing started in southeast end of project in preparation of silt fence installation (to begin 1/18/17); minor brush pile with logs placed in wetlands in southeast portion of property by property owner - materials properly removed by DEPCOM Power on 1/20/17.

2/3/2017 - A majority of the project area has been cleared. A small patch in the northern end of the project remains to be cleared. Silt fence has been installed in most of the project limits minus the northern limits of the project.

2/14/17 – Received notification from Victor Menor, DEPCOM, that corrective actions #2 and #3 were made prior to heavy snow storm on February 9, 2017; APT will verify areas during next inspection.

3/3/17 – APT discussed CA #4, 5 & 6 with Chance Combs, DEPCOM. Mr. Combs indicated to APT that corrective actions were already scheduled for the western side of the project on Friday (3/3) afternoon and all corrective actions would be completed on Monday (3/6). Tree clearing activities have been completed for the entire project. Temporary sediment traps are currently under construction.

3/7/17 – Grubbing on the project is ongoing. Temporary sediment traps and drainage swales are currently under construction. Silt fence deficiencies are currently under repair (CA#4). An on-site meeting between the Connecticut Siting Council ("CSC") staff, DEPCOM, and neighbors to the project was held to address concerns regarding the project construction. All environmental awareness posters are still intact.

4/3/17 – Neighbor (to the south) observed and reported silt laden stormwater leaving site and flowing through their property. No clear cause identified onsite during inspection due to dry site conditions. Two possible locations identified where sediment accumulation has occurred in front of perimeter controls and reviewed with DEPCOM. With the rain forecasted 4/4/17, the site will be reviewed and additional control installation will be evaluated and implemented, as necessary.

4/4/17 – breach in diversion swale repaired, silt fence knocked over by overflow in south end of project repaired and stormwater released during 3/31 to 4/1 rain storm and again on 4/4 resulted in silt laden water released off site at two locations (one of which is a wetland/IWC and other is a southern neighbor's property). No significant release of sediment occurred in either location. Corrective actions were immediately taken on 4/3 and 4/4 to reinforce perimeter controls, drainage patterns, and basins to remedy situation. Additional temporary stormwater controls will be installed on 4/5 as identified on attached sketch map. All basins should be reevaluated to ensure they are functioning as designed, proper drainage is being received, and if they are sufficient to handle the stormwater being received. Meeting with CSC staff occurred on 4/4/17 to review recent stormwater release and remedial actions taken and to be taken by DEPCOM; Town Wetlands Agent also present at meeting.

4/10/17 – (info provided by DEPCOM via phone conversation) low flow outlets on the two basins were plugged on 4/6-4/7 (precipitation event) to improve sediment removal capabilities of the basins.

\* - Corrective Actions #7-10 will be verified during APT's next inspection.

4/26/17 – Items 7 through 10 have been addressed by DEPCOM, but have not yet fully resolved the existing issues of sediment laden water leaving the site (condition has improved however).

Additional controls and repairs have been recommended and implemented. Permanent fencing install is currently underway and majority of grubbing/chipping of the site is complete.

5/08/17 – large release occurred Friday (5/5/17). SB-3 overtopped resulting in direct discharge of sediment laden water (large volume and velocity) to drainage swale and silt fence eventually leading off property. Impacts occurred to 2 known properties including a small pond (murky with suspended sediments) and erosion of a driveway (information provided by Nick Detelich of DEPCOM). Corrective actions were taken immediately including enlarging SB-3 by approximately two-fold and removing all sand/silt from the drainage swale. New armoring of the swale plus new reinforced perimeter controls will occur. New settling basins were installed along drainage swale (all armored with rip rap). A full EOR ("Engineer of Record") review of the temporary stormwater controls is to occur May 9, 2017 with recommendations to be implemented as soon as possible.

5/15/17 – Water observed leaving site was of lower volume/velocity with fewer suspended sediments than noted during previous inspections. All repairs from 5/8/17 were addressed with previous action items reoccurring on 5/15/17. Corrective Action #8 continues to be an issue, recommend reinforcing silt fence. All sediment basins and traps should be reevaluated to ensure they are functioning and built properly.

5/26/17 – Seed has been distributed throughout the project area to provide some surface stabilization. Water leaving site (including drainage from SB-3 outfall) has few suspended sediments. Permanent chain-link fence install is still ongoing. Sediment trap reconstruction is currently ongoing. Several areas noted where rill erosion paths are focusing water to silt fence corners. Some silt build up has occurred in these silt fence corners. These areas should be closely monitored after each rain event to remove built-up silt and make any necessary repair or reinforcements.

6/7/17 – Post driving underway. Permanent fence install ongoing. Sediment basin reconstruction is largely completed (final slope stabilization incomplete but ongoing at time of inspection). Seed has begun germinating. Additional areas where silt fence have become broken have been noted from the 5/26/17 report. Several areas where sediment has built-up should be cleared out and silt fence restored where necessary. Stormwater releases from the site noted during the referenced inspection were largely free of coarse suspended sediments.

Enclosures: Photo Documentation  
Sketch Map (2)



Photo 1: View of perimeter area south of laydown yard looking west.



Photo 2: View of silt fence needing repair (CA #11), looking north.



Photo 3: View of gap in silt fence (CA #11) requiring repair.



Photo 4: View of continued problem area (CA #8) in northwest corner looking west.





Photo 5: View of SB-3 outfall looking south.



Photo 6: View of Project Area looking southeast.

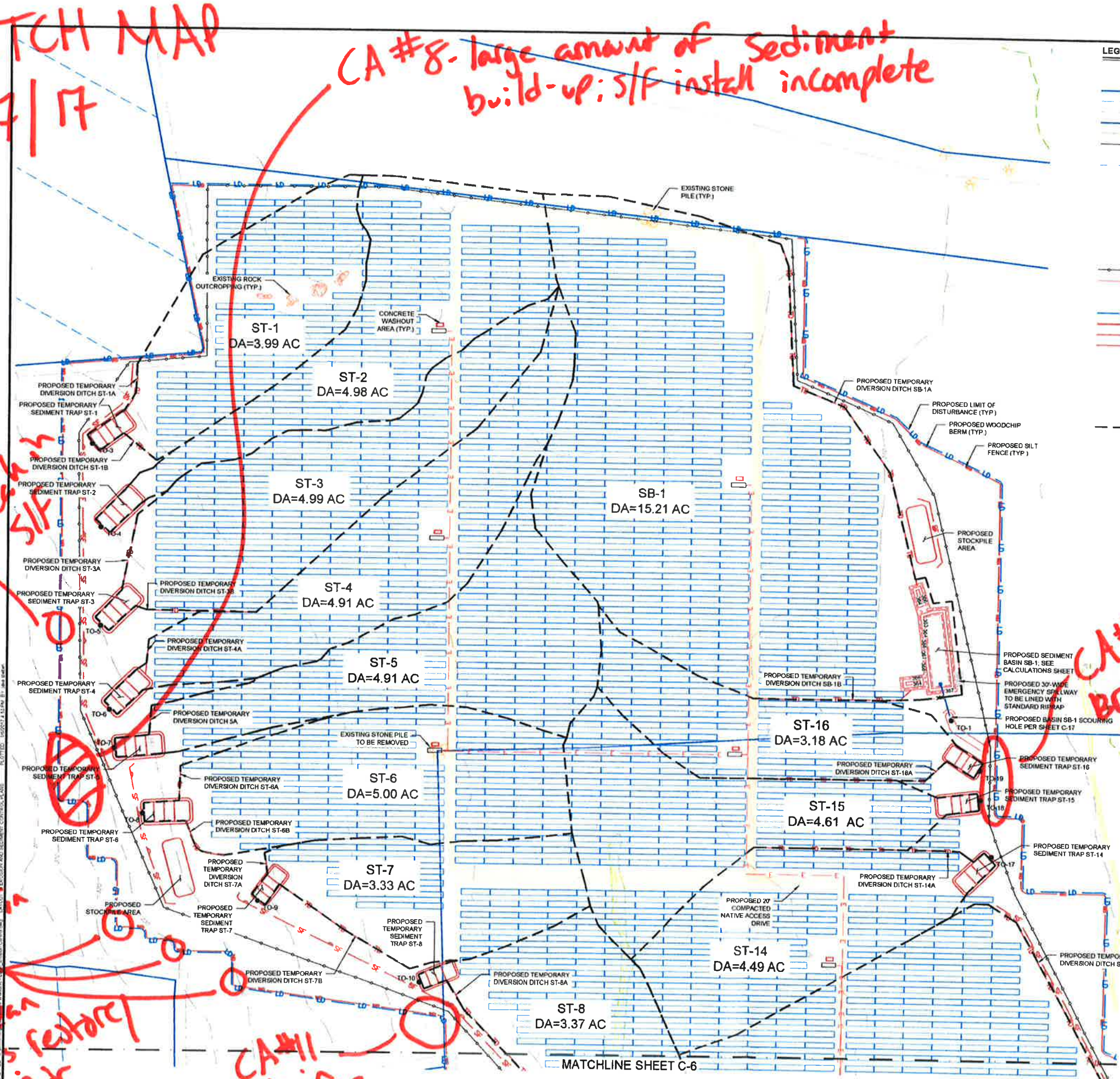
SKETCH MAP  
6/7/17

CA #8 - large amount of sediment build-up; s/f install incomplete

CA #11 Break in s/f

Sediment build-up out of s/f - clean out & restore repair

CA #11 Break in s/f



**LEGEND**

- EXISTING PROPERTY BOUNDARY
- EXISTING ABUTTING PROPERTY BOUNDARY
- EXISTING PROPERTY BOUNDARY
- EXISTING ABUTTING PROPERTY BOUNDARY
- EXISTING CITY LIMITS
- EXISTING TREELINE
- EXISTING ROAD
- EXISTING TRAIL
- EXISTING STREAM
- EXISTING VERNAL POOL
- EXISTING WETLAND
- 100' WETLAND BUFFER
- PROPOSED SOLAR ARRAY
- PROPOSED INVERTER
- PROPOSED FENCE
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED COMPACTED NATIVE ACCESS DRIVE
- LIMITS OF DISTURBANCE
- PROPOSED WOODCHIP BERM
- PROPOSED SILT FENCE
- PROPOSED TEMPORARY DIVERSION DITCH
- PROPOSED GRAVEL CONSTRUCTION ENTRANCE
- PROPOSED SILT FENCE OUTLETS
- OUTFALL LOCATION
- PROPOSED LANDSCAPE BUFFER
- DRAINAGE AREA

**EROSION CONTROL NOTES**

- ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH CT STANDARDS AND SPECIFICATIONS.
- ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING CONDITION DURING THE PERIOD OF CONSTRUCTION. SKIMMER SEDIMENT BASIN SHALL BE CLEARED OUT WHEN 50% OF THE VOLUME IS FULL OF SEDIMENT. SILT FENCE IS TO BE CLEARED WHEN HALF THE FENCE IS OVERWHELMED BY SEDIMENT.
- PLACE SILT FENCE OUTLETS AT LOW POINTS ALONG SILT FENCE AS NECESSARY.
- ADDITIONAL EROSION CONTROL MEASURES AND/OR MODIFICATIONS TO PROPOSED MEASURES MAY BE NECESSARY DEPENDING ON ACTUAL SITE CONDITIONS.
- EROSION CONTROL DEVICES ARE TO BE INSTALLED BASED ON DETAILS PROVIDED UNDER THE APPROVED PLANS. THE PLANS AND DETAILS ARE BASED ON THE 2002 CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL.
- A RAIN GAUGE SHALL BE KEPT ON-SITE. THE CONTRACTOR SHALL INSPECT ALL EASC MEASURES AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER ANY STORM EVENT THAT GENERATES A DISCHARGE. REPAIRS SHALL BE MADE TO EASC MEASURES IMMEDIATELY. RECORD OF INSPECTIONS AND ANY CORRECTIVE ACTIONS SHALL BE KEPT ON SITE.
- DEDICATED DEMOLITION AND OTHER WASTE AREAS AND EARTHEN MATERIAL STOCKPILES MUST BE LOCATED AT LEAST 50' FROM STORM DRAINS OR STREAMS UNLESS NO ALTERNATIVE IS FEASIBLE.
- THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE EROSION CONTROL INSPECTOR. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE EROSION CONTROL INSPECTOR THAT ARE NOT INDICATED ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE PROJECT. ANY CHANGE IN THE EROSION CONTROL MEASURES AND/OR GRADING SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND THE EROSION CONTROL INSPECTOR.
- WEATHER FORECAST SHALL BE MONITORED. THE CONTRACTOR SHALL PREPARE FOR RAIN EVENTS BY RE-EXAMINING ALL EROSION CONTROL MEASURES PRIOR TO START OF PRECIPITATION. ANY RE-ENFORCEMENT OR CORRECTIONS SHOULD BE PERFORMED AND DOCUMENTED.
- IF FILL MATERIAL IS TO BE BROUGHT ONTO THE PROJECT OR WASTE MATERIALS ARE TO BE TAKEN FROM THIS PROJECT, THIS INFORMATION MUST BE DISCLOSED AND SHOWN ON THE EROSION CONTROL AND GRADING PLAN. BORROW AREAS AND DUMP SITES ARE CONSIDERED TO BE PART OF THIS PROJECT AND THE OWNER IS RESPONSIBLE FOR STABILIZATION AND EROSION CONTROL MEASURES AT THESE SITES.
- NORTH AMERICAN GREEN S1508N EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 3:1.
- IF CLEARING AND GRUBBING TAKES PLACE WHILE WEATHER WILL NOT FACILITATE SEED GERMINATION, AN ENGINEER-APPROVED SOIL TACKLER SHALL BE APPLIED AT MANUFACTURER-RECOMMENDED RATES TO PROMOTE SOIL STABILIZATION.
- ADDITIONAL SILT FENCE AND EQUIPMENT NECESSARY TO INSTALL THE SILT FENCE SHALL BE KEPT ON SITE DURING CONSTRUCTION. ADDITIONAL SILT FENCE TO BE USED FOR REPAIRS AS NECESSARY.

**KLEINFELDER**  
Bright People. Right Solutions.  
www.kleinfelder.com  
500 Enclave Drive, Suite 40  
Rocky Hill, CT 06067  
Phone: 860-463-7716  
www.kleinfelder.com

**REVISIONS**

REV	DESCRIPTION	DSN	CHK	APP	DATE

**SCALE VERIFICATION**  
THIS BAR IS 1 INCH IN LENGTH ON ORIGINAL DRAWING  
0 1'  
IF IT'S NOT 1 INCH ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

100 50 0 100  
SCALE: 1 INCH = 100 FEET  
ORIGINAL DRAWING SIZE IS 24 x 36

**EROSION AND SEDIMENT CONTROL SITE PLANS**  
FUSION SOLAR CENTER  
POTASH RD  
SPRAGUE, CT 06830

**DEPCOM POWER.**  
DEPCOM POWER  
9200 E PIMA CENTER PKWY, SUITE 180  
SCOTTSDALE, AZ 85258

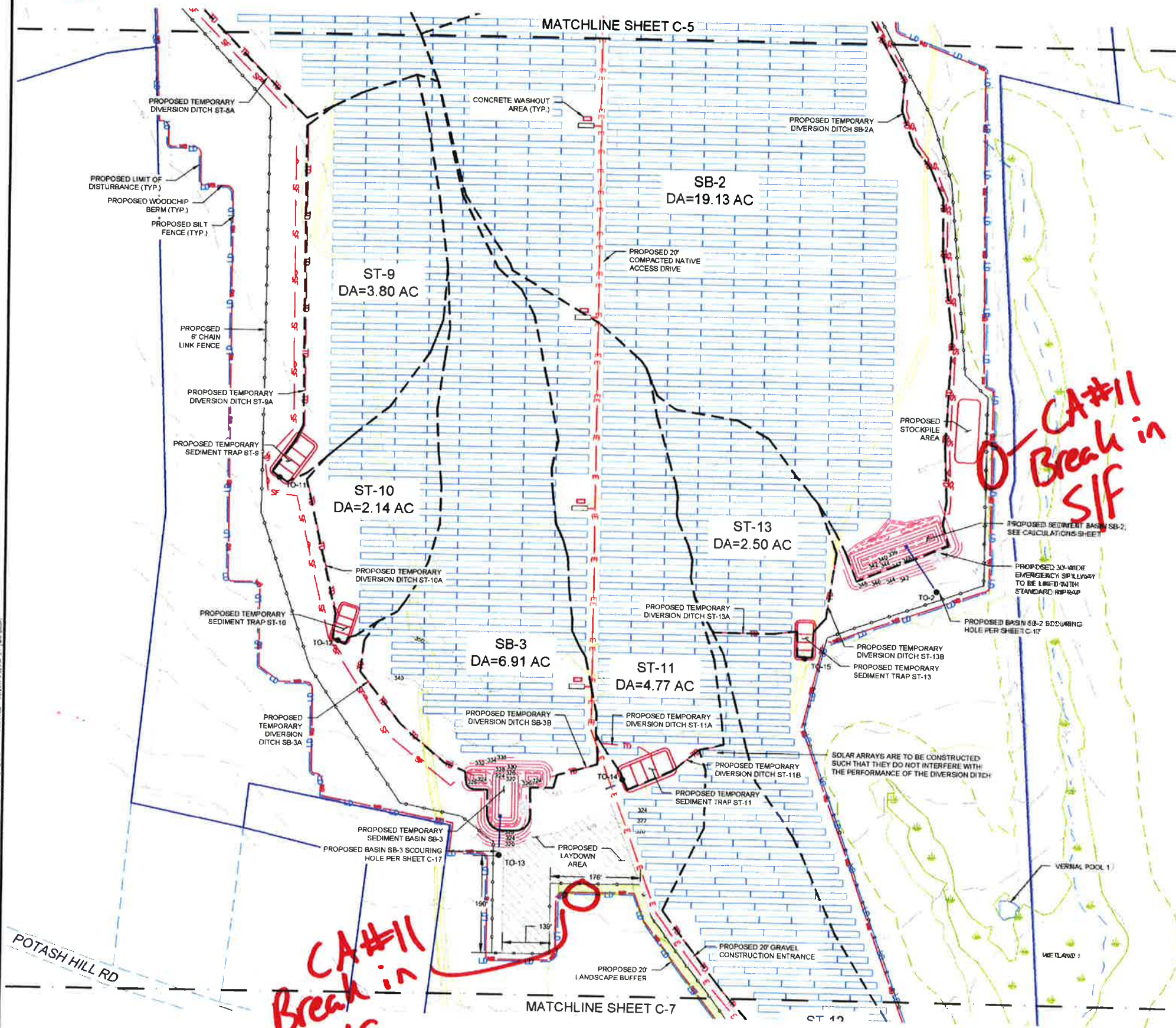
**CONSTRUCTION**

PROJECT NO.	20172893 001A
ISSUE DATE	01/09/2016
CURRENT REVISION	-
DESIGNED BY	JS
DRAWN BY	JS
CHECKED BY	RC
APPROVED BY	LB

**C-5**

SHEET 5 of 10

SKETCH MAP - 6/7/17



**LEGEND**

- EXISTING PROPERTY BOUNDARY
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**DAILY SITE OBSERVATION FORM**

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Corrective Action #12 – three areas where high water volumes have knocked over silt fence, water leaving site at these locations are generally free of suspended sediments. Consider cleaning out any sediment build-up in front of these silt fence locations.	On going
<b>Project Modification Requested:</b>	
Extra work space requested <input type="checkbox"/> Change to work area <input type="checkbox"/> Change to stormwater feature <input type="checkbox"/>	
Description of Modification: N/A	
<b>Notes:</b>	
<p>1/17/17 – construction entrance road with anti-tracking pad installed; land clearing activities 50-60% complete; initial grubbing started in southeast end of project in preparation of silt fence installation (to begin 1/18/17); minor brush pile with logs placed in wetlands in southeast portion of property by property owner - materials properly removed by DEPCOM Power on 1/20/17.</p> <p>2/3/2017 - A majority of the project area has been cleared. A small patch in the northern end of the project remains to be cleared. Silt fence has been installed in most of the project limits minus the northern limits of the project.</p> <p>2/14/17 – Received notification from Victor Menor, DEPCOM, that corrective actions #2 and #3 were made prior to heavy snow storm on February 9, 2017; APT will verify areas during next inspection.</p> <p>3/3/17 – APT discussed CA #4, 5 &amp; 6 with Chance Combs, DEPCOM. Mr. Combs indicated to APT that corrective actions were already scheduled for the western side of the project on Friday (3/3) afternoon and all corrective actions would be completed on Monday (3/6). Tree clearing activities have been completed for the entire project. Temporary sediment traps are currently under construction.</p> <p>3/7/17 – Grubbing on the project is ongoing. Temporary sediment traps and drainage swales are currently under construction. Silt fence deficiencies are currently under repair (CA#4). An on-site meeting between the Connecticut Siting Council (“CSC”) staff, DEPCOM, and neighbors</p>	

to the project was held to address concerns regarding the project construction. All environmental awareness posters are still intact.

4/3/17 – Neighbor (to the south) observed and reported silt laden stormwater leaving site and flowing through their property. No clear cause identified onsite during inspection due to dry site conditions. Two possible locations identified where sediment accumulation has occurred in front of perimeter controls and reviewed with DEPCOM. With the rain forecasted 4/4/17, the site will be reviewed and additional control installation will be evaluated and implemented, as necessary.

4/4/17 – breach in diversion swale repaired, silt fence knocked over by overflow in south end of project repaired and stormwater released during 3/31 to 4/1 rain storm and again on 4/4 resulted in silt laden water released off site at two locations (one of which is a wetland/IWC and other is a southern neighbor's property). No significant release of sediment occurred in either location. Corrective actions were immediately taken on 4/3 and 4/4 to reinforce perimeter controls, drainage patterns, and basins to remedy situation. Additional temporary stormwater controls will be installed on 4/5 as identified on attached sketch map. All basins should be reevaluated to ensure they are functioning as designed, proper drainage is being received, and if they are sufficient to handle the stormwater being received. Meeting with CSC staff occurred on 4/4/17 to review recent stormwater release and remedial actions taken and to be taken by DEPCOM; Town Wetlands Agent also present at meeting.

4/10/17 – (info provided by DEPCOM via phone conversation) low flow outlets on the two basins were plugged on 4/6-4/7 (precipitation event) to improve sediment removal capabilities of the basins.

\* - Corrective Actions #7-10 will be verified during APT's next inspection.

4/26/17 – Items 7 through 10 have been addressed by DEPCOM, but have not yet fully resolved the existing issues of sediment laden water leaving the site (condition has improved however). Additional controls and repairs have been recommended and implemented. Permanent fencing install is currently underway and majority of grubbing/chipping of the site is complete.

5/08/17 – large release occurred Friday (5/5/17). SB-3 overtopped resulting in direct discharge of sediment laden water (large volume and velocity) to drainage swale and silt fence eventually leading off property. Impacts occurred to 2 known properties including a small pond (murky with suspended sediments) and erosion of a driveway (information provided by Nick Detelich of DEPCOM). Corrective actions were taken immediately including enlarging SB-3 by approximately two-fold and removing all sand/silt from the drainage swale. New armoring of the swale plus new reinforced perimeter controls will occur. New settling basins were installed along drainage swale (all armored with rip rap). A full EOR ("Engineer of Record") review of the temporary stormwater controls is to occur May 9, 2017 with recommendations to be implemented as soon as possible.

5/15/17 – Water observed leaving site was of lower volume/velocity with fewer suspended sediments than noted during previous inspections. All repairs from 5/8/17 were addressed with previous action items reoccurring on 5/15/17. Corrective Action #8 continues to be an issue, recommend reinforcing silt fence. All sediment basins and traps should be reevaluated to ensure they are functioning and built properly.

5/26/17 – Seed has been distributed throughout the project area to provide some surface stabilization. Water leaving site (including drainage from SB-3 outfall) has few suspended sediments. Permanent chain-link fence install is still ongoing. Sediment trap reconstruction is currently ongoing. Several areas noted where rill erosion paths are focusing water to silt fence

corners. Some silt build up has occurred in these silt fence corners. These areas should be closely monitored after each rain event to remove built-up silt and make any necessary repair or reinforcements.

6/7/17 – Post driving for solar panel racking system underway. Permanent fence install ongoing. Sediment basin reconstruction is largely completed (final slope stabilization incomplete but ongoing at time of inspection). Seed has begun germinating. Additional areas where silt fence have become broken have been noted from the 5/26/17 report. Several areas where sediment has built-up should be cleared out and silt fence restored where necessary. Stormwater releases from the site noted during the referenced inspection were largely free of coarse suspended sediments. Corrective action repairs are ongoing.

7/7/17 – Diversion ditches leading to ST-7 and ST-8 have not been graded to allow free drainage into the basins. Water is diverting from the ditches around the basins. Consider re-grading inlet to allow for free drainage. All water leaving the site that was observed during the inspection is generally free of suspended sediments. Side areas of the project that have been seeded are starting to germinate with vegetation.

Enclosures: Photo Documentation  
Sketch Map (1)





Photo 1: View of ST-7 (description of activity found in Report Notes) looking north.



Photo 2: View of southwest project corner south of SB-3 outfall, looking west.



Photo 3: View of silt fence edge on western project boundary looking south.



Photo 4: View of SB-3 outfall looking south.



Photo 5: View of CA #8 with overtopping stormwater looking north.

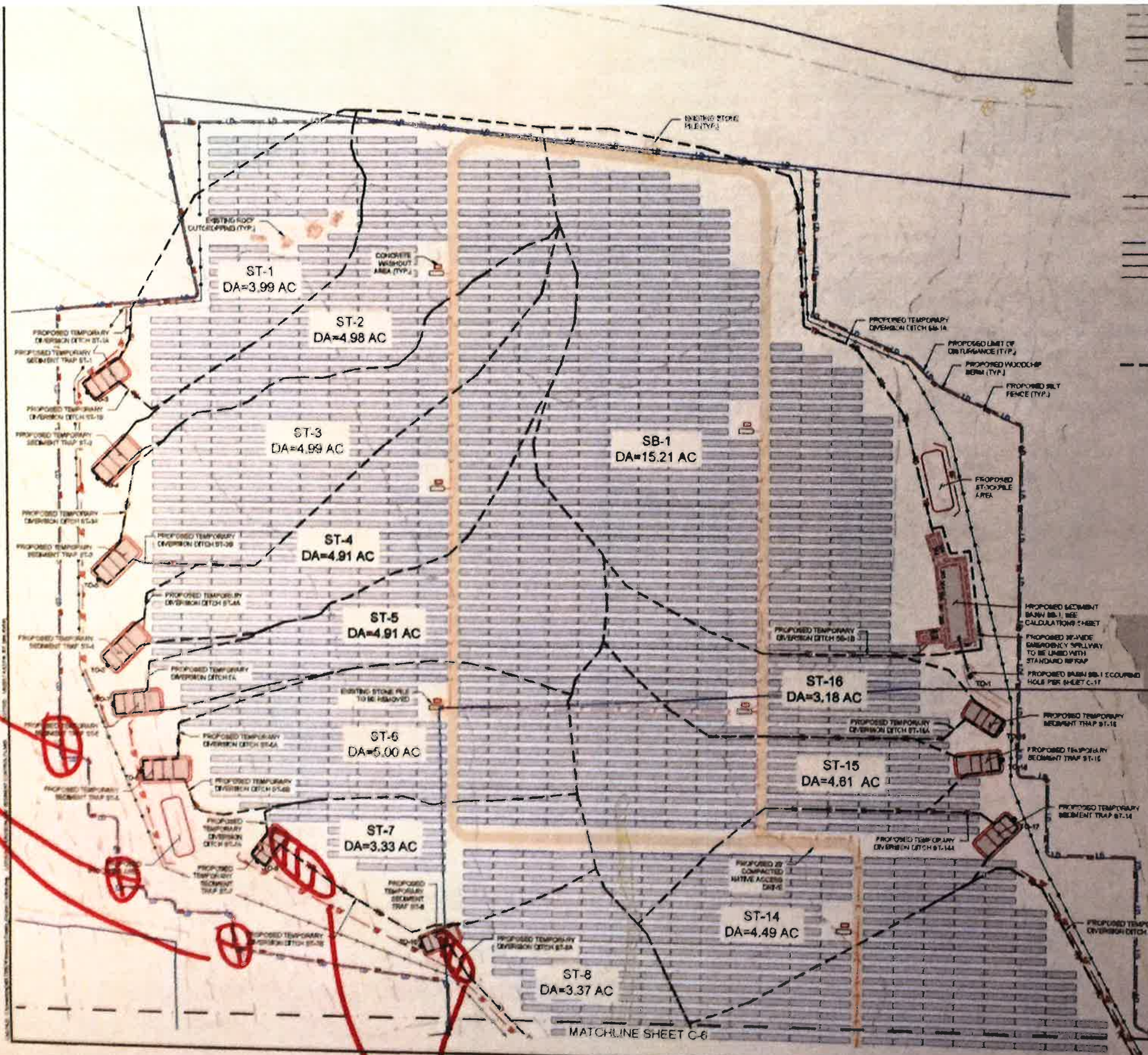


Photo 6: View of TO-8 outfall looking east.



Photo 7: View center project area looking east.

CA #8



- EXISTING ABUTTING PROPERTY BOUNDARY
- EXISTING PROPERTY LINE SETBACK
- EXISTING CITY LIMITS
- EXISTING TREE LINE
- EXISTING ROAD
- EXISTING TRAIL
- EXISTING STREAM
- EXISTING VERNAL POOL
- EXISTING WETLAND
- 100' WETLAND BUFFER
- PROPOSED SOLAR ARRAY
- PROPOSED INVERT EP
- PROPOSED FENCE
- PROPOSED UNDERGROUND ELECTRIC
- PROPOSED COMPACTED NATIVE ACCESS DRIVE
- LD - LIMITS OF DISTURBANCE
- WB - PROPOSED WOODCHIP BERM
- SF - PROPOSED SILT FENCE
- TD - PROPOSED TEMPORARY DIVERSION DITCH
- PROPOSED GRAVEL CONSTRUCTION ENTRANCE
- PROPOSED SILT FENCE OUTLETS
- OUTFALL LOCATION
- PROPOSED LANDSCAPE BUFFER
- DRAINAGE AREA

**EROSION CONTROL NOTES**

1. ALL LAND DISTURBING ACTIVITIES SHALL BE CONDUCTED IN ACCORDANCE WITH CT STANDARDS AND SPECIFICATIONS.
2. ALL TEMPORARY EROSION CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING CONDITION DURING THE PERIOD OF CONSTRUCTION. SEDIMENT BASINS SHALL BE CLEARED OUT WHEN 80% OF THE VOLUME IS FULL OF SEDIMENT. SILT FENCE IS TO BE CLEARED WHEN HALF THE FENCE IS OVERWHELMED BY SEDIMENT.
3. PLACE SILT FENCE OUTLETS AT LOW POINTS ALONG SILT FENCE AS NECESSARY.
4. ADDITIONAL EROSION CONTROL MEASURES AND/OR MODIFICATIONS TO PROPOSED MEASURES MAY BE NECESSARY DEPENDING ON ACTUAL SITE CONDITIONS.
5. EROSION CONTROL DEVICES ARE TO BE INSTALLED BASED ON DETAILS PROVIDED UNDER THE APPROVED PLAN. THE PLANS AND DETAILS ARE BASED ON THE 2002 CONSTRUCTION GUIDELINES FOR SOIL EROSION AND SEDIMENTATION CONTROL.
6. A RAIN GAUGE SHALL BE KEPT ON-SITE. THE CONTRACTOR SHALL INSPECT ALL EROSION MEASURES AT LEAST ONCE A WEEK AND WITHIN 24 HOURS AFTER ANY STORM EVENT THAT GENERATES A DRAINAGE REPAIRS SHALL BE MADE TO EROSION MEASURES IMMEDIATELY. RECORD OF INSPECTIONS AND ANY CORRECTIVE ACTIONS SHALL BE KEPT ON-SITE.
7. DEDICATED DEMOLITION AND OTHER WASTE AREAS AND BARRIERS MATERIAL STOCKPILES MUST BE LOCATED AT LEAST 50 FEET FROM STORM DRAINS OR STREAMS UNLESS NO ALTERNATIVE IS FEASIBLE.
8. THE CONTRACTOR SHALL MAINTAIN CLOSE CONTACT WITH THE EROSION CONTROL INSPECTOR. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED BY THE EROSION CONTROL INSPECTOR THAT ARE NOT INDICATED ON THE PLANS. IT IS THE CONTRACTOR'S RESPONSIBILITY TO MAINTAIN EROSION CONTROL MEASURES THROUGHOUT THE PROJECT. ANY CHANGE IN THE EROSION CONTROL MEASURES AND/OR DRAINAGE SHALL BE CALLED TO THE ATTENTION OF THE ENGINEER AND THE EROSION CONTROL INSPECTOR.
9. WEATHER FORECAST SHALL BE MONITORED. THE CONTRACTOR SHALL PREPARE FOR RAIN EVENTS BY RE-DRAINING ALL EROSION CONTROL MEASURES PRIOR TO START OF PRECIPITATION. ANY RE-ENFORCEMENT OR CORRECTIONS SHOULD BE PERFORMED AND DOCUMENTED.
10. IF FILL MATERIAL IS TO BE BROUGHT ONTO THE PROJECT OR WASTE MATERIALS ARE TO BE TAKEN FROM THIS PROJECT, THIS INFORMATION MUST BE DISCLOSED AND SHOWN ON THE EROSION CONTROL AND DRAINAGE PLAN. BORROW AREAS AND DUMP SITES ARE CONSIDERED TO BE PART OF THIS PROJECT AND THE OWNER IS RESPONSIBLE FOR STABILIZATION AND EROSION CONTROL MEASURES AT THESE SITES.
11. NORTH AMERICAN GREEN SYSTEM EROSION CONTROL MATTING SHALL BE PLACED ON ALL SLOPES STEEPER THAN 2:1.
12. IF CLEARING AND GRUBBING TAKE PLACE WHILE WEATHER WILL NOT FACILITATE GOOD OPERATIONS, AN ENGINEER-APPROVED SOIL TACKLER SHALL BE APPLIED AT MANUFACTURER-RECOMMENDED RATES TO PROMOTE SOIL STABILIZATION.
13. ADDITIONAL SILT FENCE AND EQUIPMENT NECESSARY TO MAINTAIN THE SILT FENCE SHALL BE KEPT ON-SITE DURING CONSTRUCTION. ADDITIONAL SILT FENCE TO BE USED FOR REPAIRS AS NECESSARY.

REVISIONS			
REV	DESCRIPTION	CHKD	DATE

SCALE VERIFICATION  
THIS SCALE IS NOT VALID UNLESS ON ORIGINAL DRAWING  
IF NOT 1"=80' ON THIS SHEET ADJUST YOUR SCALES ACCORDINGLY

1" = 80'

EROSION AND SEDIMENT CONTROL SITE PLANS

FUSION SOLAR CENTER  
POSTAGE RD  
SPRINGFIELD, CT 06604

**DEPCOM POWER.**

DEPCOM POWER  
8888 PIMA CENTER PKWY, SUITE 100  
SCOTTSDALE, AZ 85258

CONSTRUCTION

PROJECT NO. 2014-00000000  
SHEET NO. 00000000  
CURRENT DESIGN -  
DESIGNED BY: JH  
DRAWN BY: JH  
CHECKED BY: JH  
APPROVED BY: JH

**C-5**

Note: Diversion ditch drainage not entirely drawing to basin - consider regrading