

Gravel Pit Solar

120 MW Solar Photovoltaic Energy Generation Project East Windsor, Connecticut

PREPARED FOR



Gravel Pit Solar, LLC
Gravel Pit Solar II, LLC
Gravel Pit Solar III, LLC
Gravel Pit Solar IV, LLC

1166 Avenue of the Americas, 9th Floor
New York, NY 10036

PREPARED BY



100 Great Meadow Road
Suite 200
Wethersfield, CT 06109

March 31, 2021

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Table of Contents

1	Introduction	1
1.1	Certificate Conditions	1
1.2	Project Phasing	2
1.2.1	Phase 1 D&M Plan.....	2
1.2.2	Phase 2 D&M Plan.....	4
2	Applicant.....	5
3	Proposed Project	7
3.1	Project History	7
3.2	Project and Property Description.....	7
3.2.1	Property Description.....	7
3.2.2	Project Description	9
3.3	Revisions to the Project Since the Application	11
4	Development and Management Plan Details	15
5	Certification	19
6	References.....	21

List of Tables

Table No.	Description	Page
Table 1	Project Site Parcels.....	8
Table 2	Cover Types with Project Parcels: Existing Area and Areas to be Altered (Acres)	9
Table 3	Certificate Conditions and Responses.....	16

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List of Exhibits

Exhibit No.	Description
Exhibit A	Stormwater Pollution Control Plan and Site Plans
Exhibit B	Figures
Exhibit C	Horizontal Directional Drill Plan
Exhibit D	SHPO Correspondence
Exhibit E	CT DEEP NDDDB Correspondence
Exhibit F	Updated Landscape Mitigation Plan
Exhibit G	Spill Prevention Control and Countermeasure Plan
Exhibit H	CT DEEP Dam Safety Program Consultation
Exhibit I	Construction Traffic Management Plan

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List of Acronyms and Definitions

AC	Alternating Current
C.G.S.	Connecticut General Statutes
CSC	Connecticut Siting Council
CT DEEP	Connecticut Department of Energy and Environmental Protection
CT DOT	Connecticut Department of Transportation
D&M Plan	Development and Management Plan
EDR	Environmental Design & Research PDC
EPC	Engineer Procure Construct
GPS	Gravel Pit Solar
ISO-NE	Independent System Operator of New England
kV	kilovolt
LLC	Limited Liability Company
MW	Megawatt
NDDDB	Natural Diversity Data Base
RCSA	Regulations of Connecticut State Agencies
SHPO	State Historic Preservation Office
SWPCP	Stormwater Pollution Control Plan
TCLP	Toxicity Characteristic Leaching Procedure
VHB	Vanasse Hangen Brustlin, Inc.

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1

Introduction

This Development and Management Plan (D&M Plan) is submitted by Gravel Pit Solar, LLC, Gravel Pit Solar II, LLC, Gravel Pit Solar III, LLC and Gravel Pit Solar IV, LLC (collectively Gravel Pit Solar) in accordance with the requirements of Sections 16-50j-60 through 16-50j-62 of the Regulations of Connecticut State Agencies (RCSA) and with the Decision and Order issued by the Connecticut Siting Council (CSC or Council) for the Gravel Pit Solar Project (GPS or Project) in Docket No. 492. The Council's February 25, 2021 Decision and Order concluded that the proposed 120 megawatt (MW) ground-mounted solar photovoltaic system, located on eight separate parcels of land totaling approximately 738 acres located near Apothecaries Hall Road, Plantation Road, Wapping Road, and Windsorville Road in East Windsor, Connecticut, is not in conflict with the policies of the state concerning the natural environment, ecological balance, public health and safety, scenic, historic and recreational values, agriculture, forest and parks, air and water purity, and fish, aquaculture and wildlife, together with all other environmental concerns, including Electric and Magnetic Fields, and balanced the interests in accordance with Connecticut General Statutes (C.G.S.) §16-50p(a)(3)(B) and C.G.S. §16-50p(a)(3)(C). The environmental effects that are the subject of C.G.S. §16-50p(a)(3)(B) can be sufficiently mitigated and do not overcome the public benefit for the facility.

1.1 Certificate Conditions

As a condition for issuing the Certificate, the Council required that a D&M Plan be prepared to provide supplemental information regarding the Project. Specifically, the Council requested the following information:

- › Final site plans including, but not limited to, final facility layout, access roads, equipment pads, collector lines including crossings for Ketch Brook and Plantation Road, substation, switchyard, fence design, equipment pads, stormwater management control structures, and final site seeding.

- › Erosion and sedimentation control plan consistent with the *2002 Connecticut Guidelines for Erosion and Sedimentation Control* including, but not limited to, temporary sediment basin details, site stabilization seeding/growing season details prior to the installation of post driving/racking system, site stabilization measures during construction, inspection and reporting protocols, methods for periodic clearing of temporary sediment traps and swales during construction, and final cleaning of stormwater basins upon site stabilization.
- › Site construction detail/phasing plan including, but not limited to, construction laydown area, site clearing/grubbing, site grading, excess earth material disposal locations, site stabilization seeding/growing season details, soil stockpile locations, and a fuel storage/spill plan that is protective of groundwater resources.
- › Final Landscape Visual Mitigation Plan including, but not limited to, landscaping and other visual screening, pollinator plantings, and gate designs.
- › Final DEEP NDDB Determination.
- › Solar module specifications that indicate the selected solar module will not contain PFAS and will not be characterized as hazardous waste through TCLP testing.
- › Final structural design for solar module racking system stamped by a Professional Engineer duly licensed in the State of Connecticut.
- › Independent System Operator of New England (ISO-NE) Forward Capacity Auction (FCA) #15 results specific to the project.
- › Consultation with the DEEP Dam Safety program regarding permitting requirements, if any, for the proposed stormwater basins prior to site construction.
- › If land control is finalized, details of the use of the secondary access road on Apothecaries Hall Road as an alternative entrance point.
- › Project construction hours/days of the week; Construction traffic control plan developed in consultation with the Town.
- › No chemicals shall be used for solar panel cleaning.

A table summarizing compliance we each of these conditions is provided in Section 4, Table 3.

1.2 Project Phasing

The GPS Project is scheduled to be constructed during 2021 and 2022. The Project has been divided into two construction phases and therefore two phases of D&M Plan review.

1.2.1 Phase 1 D&M Plan

This Phase 1 D&M Plan covers pre-construction site preparation and installation of stormwater controls which is planned to begin as early as June 2021. A detailed list

of activities covered under this Phase 1 D&M Plan is provided below. The activities outlined in this list of construction activities are depicted on the current Site Plans which are attached in Exhibit A.

- › Install stabilized vehicle tracking pad at the existing road intersection.
- › Survey and mark all woodland clearing limits.
- › Mark trees to be felled within 10 feet of clearing limits and, if necessary, install tree protection for trees to be preserved within 10 feet of clearing limits.
- › Field survey and mark boundary between clearing limits and grubbing limits.
- › As trees are cleared and grubbed, grind tops and root balls in tub grinder to create material for wood chip mulch berm.
- › As material is produced, install mulch berm at the limit of disturbance generally in areas of cleared forest. Mulch berm has nominal dimensions of 1.5 to 2 feet high by 4-foot wide.
- › Inside the perimeter mulch berm, install entrenched silt fence following standards of the 2002 Connecticut guidelines for erosion and sediment control. Mulch berm and perimeter silt fence shall be maintained in perpetuity until completion of construction.
- › Address ongoing erosion problems using temporary diversions and filling and grading gullies.
- › Install stormwater basins in accordance with the approved site-specific Stormwater Pollution Control Plan (SWPCP) and CT guidelines.
- › Install other erosion and sediment controls following the CT guidelines and manufacturer's directions. During construction, the contractor shall install measures as required by the engineer of record or qualified inspector, to prevent sediment-laden runoff from reaching wetlands or discharging offsite.
- › Establish designated vehicular traffic access roads (gravel, or compacted native soil, per plans) that shall be used as primary access paths. Efforts must be made to minimize vehicular trafficking across non-designated areas to the extent possible.
- › Perform mass earthwork on the site and install perimeter fence to serve as construction barrier. Given mix of land use at the Site, not all areas that will be regraded have existing topsoil (i.e. the gravel pits). In areas where topsoil is present and grading will occur, it shall be stripped and temporarily stockpiled.
- › Upon completion of mass earthwork activities, stockpiled topsoil shall be placed over regraded areas where topsoil was stripped.
- › Area disturbed by mass earthwork shall be reseeded and stabilized as necessary.
- › Pre-seed areas that lack vegetation within growing season, prior to the 2022 construction activities, if possible.
- › Install horizontal directional drill (HDD) under Ketch Brook and the CT Department of Transportation (CT DOT) railroad.

This Phase 1 D&M Plan has been prepared by Vanasse Hangen Brustlin, Inc. (VHB) under the direction of Gravel Pit Solar in association with Heritage Consultants Inc. (Heritage) and Environmental Design & Research, D.P.C. (EDR).

This Phase 1 D&M Plan provides a project description, a summary of changes to the project since the Application for a Certificate of Environmental Compatibility and Public Need was filed on July 31, 2020, and data and information responding to the conditions outlined in the Council's Decision and Order.

1.2.2 Phase 2 D&M Plan

GPS is currently soliciting an Engineer Procure Construct (EPC) Contractor to prepare final Project Site Plans that will detail the layout of the solar arrays, inverters, substation and switchyard as well as all wiring and cabling necessary to connect the Project facilities. The final Project Site Plans prepared by the EPC Contractor are scheduled to be submitted to the Council in a Phase 2 D&M Plan later in 2021.



2

Applicant

The Applicants Gravel Pit Solar, LLC, Gravel Pit Solar II, LLC, Gravel Pit Solar III, LLC and Gravel Pit Solar IV, LLC (collectively Gravel Pit Solar or the Applicant) are affiliates of D.E. Shaw Renewable Investments, LLC (DESRI) and are Delaware limited liability companies headquartered at 1166 Avenue of the Americas, 9th Floor, New York, NY 10036. DESRI, through its affiliates, is a leading developer, owner, and operator of renewable energy projects across North America, including two commercial solar projects in Connecticut: Tobacco Valley Solar (26.4 MW) and Fusion Solar (20 MW).

Correspondence and/or communications regarding this D&M Plan should be addressed to:

Aileen Kenney
Executive Director - Project Management and Development
D.E. Shaw Renewable Investments LLC
1166 Avenue of the Americas, 9th Floor
New York, NY 10036
(617) 852-7031
Aileen.Kenney@deshaw.com

Gravel Pit Solar
Development Manager
1166 Avenue of the Americas, 9th Floor
New York, NY 10036
(207) 233-3644
Aaron@nleservices.com

A copy of all such correspondence or communications should also be sent to:

Lee D. Hoffman
Pullman & Comley, LLC
90 State House Square
Hartford, CT 06103-3702
(860) 424-4315 (office)
(860) 424-4370 (fax)
lhoffman@pullcom.com

Oliver Fornell
Gravel Pit Solar
Asset Manager
1166 Avenue of the Americas, 9th Floor
New York, NY 10036
(212) 478-0000
Oliver.Fornell@deshaw.com



3

Proposed Project

3.1 Project History

On July 31, 2020, the Applicant filed an Application for a Certificate of Environmental Compatibility and Public Need (the Application) with the CSC. The Project proposed in the Application consisted of a new solar power generating facility located on 485 acres of a 738-acre site consisting of eight parcels located near Apothecaries Hall Road, Plantation Road, Wapping Road, and Windsorville Road in East Windsor. Refer to Figure: USGS Project Location Map provided in Exhibit B.

The CSC held a Pre-Hearing Teleconference on September 30, 2020, an evidentiary hearing and public comment session held via Zoom remote conferencing on November 12, 2020 and a final evidentiary hearing held via Zoom on December 1, 2020. At its meeting on February 25, 2021 the Council issued the Project's Certificate pursuant to a Decision and Order authorizing the Project to be constructed contingent on the submission of a satisfactory D&M Plan and the issuance of other applicable permits. This D&M Plan has been drafted in partial satisfaction of these requirements.

3.2 Project and Property Description

3.2.1 Property Description

The Project includes the development of a 120-MW alternating current (AC) ground-mounted solar photovoltaic system that will encompass approximately 485 acres (the Project Area) of the Project Site. The Project Site is located near Apothecaries Hall Road, Plantation Road, Wapping Road, and Windsorville Road. Refer to Site Location Map provided in Exhibit B.

Since filing the Application in July 2020, GPS negotiated a real estate agreement with the East Windsor Sportsman’s Club Inc. to acquire an abutting 1.4-acre portion of the 15.4-acre property identified as Tax Assessor’s parcel 057-49-003. GPS and the property owner are consulting with the Town of East Windsor on an appropriate course of action to portion off the 1.4-acre area out of the remaining parcel.

The table below provides the Assessor’s parcel numbers, acreage and zoning designation for the nine properties that comprise the Project Site.

Table 1 Project Site Parcels

Parcel ID	Acreage ¹	Zoning Designation
057-65-001	97.8	R-M-1, and A-1
057-65-002	3.6	R-3
048-65-007	132.3	R-3, M-1, and A-1
037-65-005A	14.6	A-2
027-49-017C	86.5	R-3
025-49-017A	127.17	R-3
016-49-007	119.5	M-1
016-50-001	155.50	M-1
Portion of 057-49-003	1.4 ²	M-1
Total Area	738.36	

The Project Site is situated in the Connecticut River Valley and is generally characterized by sand and gravel quarries, tobacco fields, and forested land. The Project Site is located in the southern part of the Town of East Windsor. The Project Site is bounded by Windsorville Road on the south, Wapping Road on the east, Apothecaries Hall Road on the north, and Ketch Brook on the west.

The Project Site primarily contains a variety of existing land uses including partially reclaimed and to be reclaimed sand and gravel mining operations, agricultural fields (primarily tobacco fields), wooded areas, tobacco sheds and structures related to the farming operations, unimproved dirt farm roads interconnect the fields and provide access from public roadways, and vacant commercial land. In addition, the Eversource 1100 Line and 1200 Line 115-kV electrical transmission lines cross the Project Site from northwest to southeast, and a CT DOT railroad ROW extends

¹ Acreage according to VHB property boundary survey/site plans.

² Portion of 057-49-003 east of Railroad added to the Project Site since the Certificate Application was filed in July 2020.

north-south through the center of the Project Site. Table 2 provides acreage for these land uses.

Table 2 Cover Types with Project Parcels: Existing Area and Areas to be Altered (Acres)

Cover Type	Approximate Existing Area	Approximate Area to be Altered	Approximate Area not Altered
Agricultural Fields	230	228	2 ¹
Active Sand and Gravel Quarry	78	76	2
Forested Upland	248	63	185
Ruderal Forest ²	20	20	0
Forested Wetland	40	0	40
Shrubland ³	62	44	18
Other ⁴	60	54	5
Total	738	485	252

1 The acreage supporting the solar array panels will all be managed as cool season grassland. Agricultural fields not occupied by solar arrays will also be converted to grassland or other landscape areas.

2 Black locust, multiflora rose, Morrow's honeysuckle in reclaimed gravel pit

3 Primarily Public Utility Transmission Corridor and portions of reclaimed gravel pit.

4 Includes barns, equipment sheds, roads, perimeter grassed areas, etc.

Land uses adjacent to the Project Site include sand and gravel quarries, agricultural fields, a closed landfill, two-solar arrays, a gun club west of the railroad, an active freight railroad, a reclaimed lumber mill, a self-storage facility, and residential homes. The southern Project Site boundary abuts the town boundary between East Windsor and South Windsor.

3.2.2 Project Description

Section 1.2 defines the Phase 1 and Phase 2 D&M Plans. The Project layout is depicted on the Site Plans as provided in Exhibit A and the Project Layout Map provided in Exhibit B. This D&M Plan requests approval for the grading, drainage and site preparation activities depicted on the Site Plans enclosed herein. Final design of the proposed solar array and associated equipment is not complete at this time and will be requested as part of the Phase 2 D&M Plan. Phase 1 and Phase 2 construction activities are outlined below.

Phase 1 Construction Description

Phase 1 will include installing stabilized construction entrances at the proposed access points to the Project Site off Apothecaries Hall Road, Plantation Road and Windsorville Road (Please refer to Site Plans for additional details). The Project access roadways will connect to the public roadway at these locations. Locked gates will be installed at the entrances to discourage driving along the access roads by unauthorized individuals.

Limits of tree clearing will be surveyed and marked in the field. Tree clearing and brush removal will occur as needed and as indicated on the Tree Clearing Plan

provided in Exhibit B. It is anticipated that felled trees, brush, stumps may be ground and repurposed on site for use as erosion control berm or soil amendments.

Following establishment of the erosion control berms, the contractor will install perimeter erosion controls including silt fence or other materials as directed by the CT Department of Energy and Environmental Project (CT DEEP) Natural Diversity Database (NDDB) approval and the CT DEEP Stormwater General Permit. Concurrent with the above listed activities, the contractor will address existing gullies and ongoing erosion with regrading and tracking the eroding areas and applying a bonded fiber matrix or erosion control blanket, and application of grass seed.

As depicted on the Site Plans, through much of the Site, the Project will conform to existing surface grades. Within the Project Area, where solar panels are proposed and steeper slopes are present, grading will be required to achieve maximum slopes of 15 percent. Maximum grade within the Project Site for areas outside of proposed array areas is 3:1. Limited grading will be necessary around the Project perimeter to meet existing grades.

Stormwater traps and basins will be constructed in accordance with the approved site-specific SWPCP and CT guidelines. The engineer of record will inspect features to confirm required storage capacities are provided and that outlets and/or spillways are constructed correctly. Discharge areas below outfalls will be inspected to confirm flow will be over stable ground and sheet flow is encouraged. If disturbed soils are present, the engineer of record will provide recommendations for corrective measures to address the condition.

Vehicle access roads and temporary staging will be established throughout the site as depicted on the Site Plans.

Phase I also includes the HDD crossing under Ketch Brook and the CT DOT railroad. At this crossing location, a group of four (4) 10-inch (outside nominal diameter) high density polyethylene conduits will be installed via an HDD. Each conduit will contain three (3) 34.5 kV conductors and an innerduct for fiber optic cable and will be approximately 1,090-foot in length. Each of the conduits are to be separated by approximately 10 feet and installed approximately 18 and 35 feet beneath the Ketch Brook and the railroad, respectively. Refer to Exhibit C of this D&M Plan for the Horizontal Directional Drill Plan.

Phase 2 Description

Phase 2 of the Project includes the construction of solar photovoltaic arrays across an approximate 485-acre Project Area. As noted in Section 1.2, final engineering of the Project layout will be undertaken by an EPC Contractor and submitted to the Council for approval as part of a Phase 2 D&M Plan filing. As stipulated in the Certificate, the solar modules will not contain PFAS and will not be characterized as hazardous waste through toxicity characteristic leaching procedure (TCLP) testing. More details will be provided in the Phase 2 D&M Plan.

3.3 Revisions to the Project Since the Application

Since filling the Application with CSC Gravel Pit Solar has made minor revisions to the Project layout and equipment, as described further in herein. These revisions were prompted by the consultations with property owners local to the project, NDDDB, State Historic Preservation Office (SHPO), and CTDEEP Stormwater Program. The revisions also include refinements of the Project’s design and engineering. These revisions include the following:

› Changes in Project Footprint

- **Sportsman’s Club Access:** In the course of its outreach with abutting property owners, Gravel Pit Solar was requested to consider other locations for accessing the Project Site as an alternative to the proposed access driveway at Apothecaries Hall Road. GPS has obtained a real estate option agreement from the East Windsor Sportsman’s Club to purchase the existing access driveway into the north gravel pit (a 1.4-acre portion of parcel 057-49-003). This access point is over 600 feet west of the closest residential abutter and will be utilized to access the northern solar array area during both construction and operations.

This 1.4-acre parcel is presently cleared and is currently used primarily as an entrance to gravel pit operation. Based on VHB’s on-Site surveys conducted in 2020, this parcel of land does not contain wetlands or watercourses, vernal pools or vegetated areas providing significant habitat for wildlife. Similarly, Heritage Consultants performed a Phase 1A Cultural Resource Survey Addendum that concluded that the 1.4-acre parcel has been completely disturbed in the modern era and no longer retains any potential to yield archaeological resources.

- **Location of Horizontal Direction Drill:** The location of the HDD crossing under Ketch Brook has been revised to minimize clearing impacts and eliminate need for at grade crossing of the CT DOT railroad ROW. The original HDD design included two separate directional bores, one under the brook to an intermediate bore pit location north of the brook and west of the railroad and a second bore under the railroad. The revised HDD design includes four 1,090-foot bores which cross beneath both the brook and the railroad. The revised HDD design reduces the need for work in the CT DOT ROW as well as the acreage of forest to be cleared near Ketch Brook.

Refer to Figure: Site Plans in Exhibit A, Site Layout Map provided in Exhibit B, and Horizontal Directional Drill Plan provided in Exhibit C of this Phase 1 D&M Plan.

› Modifications to Tree Clearing

The redesign of the HDD bore, as described above, results in an approximate 2-acre reduction in tree clearing within 300 feet of Ketch Brook, and relocation of that clearing outside of the 300 feet buffer of Ketch Brook. Refer to Figure: Tree Clearing Plan provided in Exhibit B of this Phase 1 D&M Plan.

› **Reduction in Equipment**

During interconnection engineering discussions with Eversource, it was determined that the new Project Switchyard would not require the secondary option between the Eversource switchyard and existing structure 6170 on Line 1200 (as indicated in the Gravel Pit Solar Switchyard Drawing Detail provided to Council on November 11, 2020). Refer to the Site Plans in Exhibit A and Site Layout Map provided in Exhibit B of this D&M Plan for additional information.

› **Cultural Resources and Above-Ground Historic Properties**

A Phase 1B Cultural Resource Survey Report was completed by Heritage Consultants, Inc. in September 2020, was submitted to the SHPO on September 11, 2020 and is submitted to the CSC herein as Exhibit D. The Heritage Report concluded that no impacts to archaeological resources are expected by the construction of the proposed solar facility, and no additional archaeological examination of the Project area is recommended. The Architectural Survey portion of the investigation concluded that the Project Site has historic residences, tobacco sheds, an English style barn, ancillary farm buildings, and a dilapidated water tower and that the Markowski Farm site may be eligible for listing in the National Register of Historic Places (NHRP). The SHPO reviewed the Phase 1B Survey Report and issued a letter on November 6, 2020 concurring with Heritage’s findings regarding the archaeological survey and the NHRP-eligibility of structures associated with the Markowski Farm.

Subsequently, in order to minimize and mitigate adverse impacts to the historic resources Heritage and GPS cataloged and evaluated the standing structures on the Project Site and recommendations for retaining or removing the structures. GPS presented these findings to SHPO and reached an agreement in principle with SHPO that 22 structures will be preserved on the Project Site. GPS provided SHPO with a proposed Memorandum of Agreement that documents this agreement, and the parties are in the process of executing that agreement.

The Heritage report, and the SHPO correspondence are provided in Exhibit D.

› **CT DEEP Natural Diversity Database Consultation**

Subsequent to the last evidentiary hearing on December 1, 2020, GPS provided a supplemental map to the CT DEEP NDDB program detailing reduced clearing limits within 300 feet of Ketch Brook. The NDDB program issued its Final Determination of approval on February 10, 2021, which is included as Exhibit E of this D&M Plan.

› **Updated Landscape Mitigation Plan**

With the addition of the new entrance drive on the East Windsor Sportsman’s Club property off Apothecaries Hall Road, GPS requested EDR evaluate potential visual impacts of the existing entrance and propose appropriate visual mitigation. EDR determined that sight lines into the entrance drive were limited and, since this is an existing entrance, no additional mitigation is warranted at this location. An updated Landscape Mitigation Plan is provided in Exhibit F.

› **Staging Areas**

Two staging areas have been identified within the Project Area. These staging

areas located south of Plantation Road will be used for storing materials, vehicle parking, construction trailer(s), and receiving deliveries. Refer to Site Plans in Exhibit A of this Phase 1 D&M Plan for the locations of the Project staging areas.

› **Modification to Perimeter Fence**

Minor modifications to the perimeter agricultural type fencing have been made to accommodate both wildlife movement through the site and limit potential safety risks. Specifically, a four (4) to six (6) inch gap will be maintained along alternating segments (rolls) of fencing or along the entirety of the undeveloped forested areas to allow wildlife movement in and out of the Site. The fence will be installed flush to the ground along roadways and adjacent residences/buildings/all-terrain vehicle paths to discourage trespassing.

Gravel Pit Solar is also proposing to use wooden and/or metal (non-galvanized) post along the perimeter fence. Refer to the Site Plans in Exhibit A for this fencing detail.

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4

Development and Management Plan Details

The Decision & Order issued by the Council required that Gravel Pit Solar provide supplemental information regarding the GPS Project in order to ensure compliance with the RCSA Sections 16-50j-60 through 16-50j-62. Gravel Pit Solar is filling this D&M Plan with the information available at this time, to assure compliance with the CSC Decision & Order, prior to the anticipated start of construction in 2021. GPS expects to provide a Phase 2 D&M Plan which will provide supplemental information to the CSC once the Project design has been finalized by the EPC Contractor.

Pursuant to the CSC’s Decision & Order, Gravel Pit Solar provides the following information in Table 3.

Table 3 Certificate Conditions and Responses

Certificate Condition	Response	Location within this Phase 1 D&M Plan
Submit a copy of the A DEEP-issued Stormwater Permit prior to the commencement of construction.	<i>Project SWPCP is currently under review by DEEP. The stormwater permit will be provided the CSC prior to construction.</i>	Not included
A final site plan including, but not limited to, final facility layout, access roads, equipment pads, collector lines including crossings for Ketch Brook and Plantation Road, substation, switchyard, fence design, equipment pads, stormwater management control structures, and final site seeding	<i>Site Plans including details of the proposed Phase 1 activities are provided in Exhibit A of this D&M Plan. Phase 1 of the Project which is the subject of this D&M Plan include site preparation and grading activities. The HDD crossing of Ketch Brook and CTDOT railroad are detailed in Exhibit C of this D&M Plan. Construction level design for the Project array, Project Substation and the Eversource Switchyard are currently under development. When the designs have been prepared, GPS will provide them to the Council in a Phase 2 D&M Plan.</i>	Exhibit A and Exhibit C
Erosion and sedimentation control plan consistent with the 2002 Connecticut Guidelines for Erosion and Sedimentation Control including, but not limited to, temporary sediment basin details, site stabilization seeding/growing season details prior to the installation of post driving/racking system, site stabilization measures during construction, inspection and reporting protocols, methods for periodic clearing of temporary sediment traps and swales during construction, and final cleaning of stormwater basins upon site stabilization	<i>The SWPCP, which includes the requested information, is provided in Exhibit A of this Phase 1 D&M Plan.</i>	Exhibit A
Site construction detail/phasing plan including, but not limited to, construction laydown area, site clearing/grubbing, site grading, excess earth material disposal locations, site stabilization seeding/growing season details, soil stockpile locations, and a fuel storage/spill plan that is protective of groundwater resources	<i>Site Plans including the requested information are provided in Exhibit A of this Phase 1 D&M Plan. The requested information is presented on Sheet C-5. Permanent stockpiles are not planned at this time and are not depicted on the site plans. A Spill Prevention Control and Countermeasure plan is provided in Exhibit G of this Phase 1 D&M Plan.</i>	Exhibit A Exhibit G
Final Landscape Visual Mitigation Plan including, but not limited to, landscaping and other visual screening, pollinator plantings, and gate designs	<i>An updated Landscape Mitigation Plan is provided in Exhibit F of this Phase 1 D&M Plan.</i>	Exhibit F

Certificate Condition	Response	Location within this Phase 1 D&M Plan
Final DEEP NDDDB Determination	<i>The NDDDB program issued its Final Determination of approval on February 10, 2021, which is included as Exhibit E of this Phase 1 D&M Plan.</i>	Exhibit E
Solar module specifications that indicate the selected solar module will not contain PFAS and will not be characterized as hazardous waste through TCLP testing	<i>The solar modules planned for the Project will not contain PFAS. TCLP testing will be conducted prior to the installation of the Project modules in 2022. The test results will be provided to the Council in the Phase 2 D&M Plan.</i>	Not Included
Final Structural Design for solar module racking system stamped by a Professional Engineer duly licensed in the State of Connecticut	<i>The final design plans prepared by the EPC Contractor will be provided to the CSC in the Phase 2 D&M Plan.</i>	Not Included
ISO-NE FCA #15 results specific to the project	<i>The Project has been qualified for ISO-NE FCA #15. Gravel Pit Solar will provide additional information about how the Project plans to participate in FCA #15 in a subsequent filing.</i>	Not Included
Consultation with the DEEP Dam Safety program regarding permitting requirements, if any, for the proposed stormwater basins prior to site construction	<i>GPS consulted with CT DEEP Dam Safety. Correspondence with Dam Safety and applicable calculations are provided in Exhibit H of this Phase 1 D&M Plan.</i>	Exhibit H
If land control is finalized, details of the use of the secondary access road on Apothecaries Hall Road as an alternative entrance point	<i>Land control for the secondary access road on the East Windsor Sportsman's Club property has been secured. The details are provided in Section 3.3 "Changes to the Project Footprint" and on the Site Plans provided in Exhibit A of this Phase 1 D&M Plan.</i>	Section 3.3 Exhibit A
Project construction hours/days of the week	<i>Typical construction days/hours will be between Monday through Friday, 7 a.m. to 5 p.m.; however, Gravel Pit Solar anticipates that weekend work and some longer hours may occur to meet critical milestones.</i>	
Construction traffic control plan developed in consultation with the Town	<i>A Traffic Management Plan describing work zone protection measures is provided in Exhibit I of this Phase 1 D&M Plan.</i>	Exhibit I
No chemicals shall be used for solar panel cleaning	<i>Chemicals will not be used to clean the solar panels.</i>	
The Certificate Holder shall provide the Council with a copy of necessary permits from any other state of federal agency with the concurrent jurisdiction prior to the commencement of construction	<i>The stormwater permit will be provided the CSC prior to construction. All other state and federal permits have been provided.</i>	Not included

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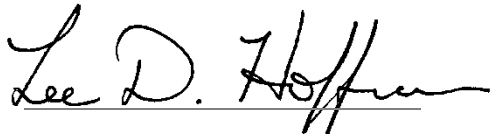


5

Certification

This is to certify that on this 31th of March 2021, one original and one copy of this D&M Plan were delivered via hand delivery to the Connecticut Siting Council, and one (1) copy was delivered via U.S. Mail and/or electronic mail to each remaining party on the service list as of the date of this filing.

Respectfully submitted,
Gravel Pit Solar

By 

Lee D. Hoffman
Pullman & Comley, LLC
90 State House Square
Hartford, CT 06103
Phone: (860) 424-4315
Fax: (860) 424-4370
Email: lhoffman@pullcom.com

Its Attorney

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6

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