

May 10, 2021

VIA EMAIL

Maine DEP
Eastern Maine Regional Office
106 Hogan Road
Bangor, ME 04401
207-941-4570

Loki Solar Machias ME Solar Development
Stormwater Permit by Rule Application

Dear Reviewer:

Loki Solar hereby submits a Stormwater Permit By Rule Application for the State of Maine's Department of Environmental Protection review. This project is eligible for the Permit by Rule application due to having less than 20,000 square feet of impervious area and 5 acres of developed area in the direct watershed of a lake most at risk or an urban impaired stream and less than one acre of impervious and five acres of developed area in any other watershed.

Loki Solar is proposing to build a solar array on US Route 1 in Machias. This development will include tree clearing activities and grading. There is expected to be approximately 19.9 acres of tree clearing with no wetland in the project area. A wetland survey was completed spring 2020 by Atlantic Environmental. Additionally, the proposed site is not within any shoreline zoning areas.

Please find the completed Stormwater Permit by Rule Application as well as, appropriate fee, site plans, photos of the area, Erosion and Sediment Control (ESC) Plan, and Location map attached for your review. If you have any questions, please contact me at Mike@lokisolar.com or 207-944-2189

Sincerely,

Loki Solar



Michael Parker
Owner

Attached: Attachment A – Stormwater Permit by Rule Application Form
 Attachment B – Photos of Area
 Attachment C – ESC Plan, Site Plan and Construction Schedule
 Attachment D – Location Map
 Attachment E – Statement of Good Standing

ATTACHMENT A

STORMWATER PERMIT BY RULE APPLICATION FORM

STORMWATER PBR APPLICATION FORM

¹ Name of Applicant:		⁵ Name of Agent:	
² Applicant's Mailing Address:		⁶ Agent's Mailing Address:	
³ Applicant's Daytime Phone:		⁷ Agent's Daytime Phone:	
⁴ Applicant's Email Address:		⁸ Agent's Email Address:	
⁹ Location of Project: (Road, Street, Rt.#)		¹⁰ Town:	¹¹ County:
¹² Is this PBR for renewal of an individual stormwater permit? If yes, skip to Block 29 and signature page.			<input type="checkbox"/> Yes <input type="checkbox"/> No
¹³ Type of Direct Watershed: (Check all that apply.)		¹⁴ Amount of Developed Area:	
<input type="checkbox"/> River, stream or brook <input type="checkbox"/> Lake not most at risk <input type="checkbox"/> Lake most at risk <input type="checkbox"/> Lake most at risk, severely blooming		<input type="checkbox"/> Urban impaired stream <input type="checkbox"/> Freshwater wetland <input type="checkbox"/> Coastal wetland <input type="checkbox"/> Wellhead of public water supply	
		¹⁵ Amount of Impervious Area:	
		Total # of _____ acres OR Total # of _____ square feet	
¹⁶ Part of a Subdivision? <input type="checkbox"/> Yes <input type="checkbox"/> No		¹⁷ Is this Activity Part of a Larger Project? <input type="checkbox"/> Yes <input type="checkbox"/> No	
¹⁸ Name of Waterbody(ies) Drained to:		¹⁹ Name of Impaired Waterbody (if applicable)	
²⁰ Brief Project Description:			
²¹ Size of Lot or Parcel:		UTM Northing, if known:	UTM Easting, if known:
<input type="checkbox"/> _____ square feet OR <input type="checkbox"/> _____ acres			
²² Deed Reference Numbers: Book#:		²³ Map and Lot Numbers: Map #:	
Page#:		Lot #:	
²⁴ DEP Staff Previously Contacted:		²⁵ Project started prior to application?	If yes, Completed?
		<input type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Yes <input type="checkbox"/> No
²⁶ Resubmission of PBR Application?	<input type="checkbox"/> Yes <input type="checkbox"/> No	If yes, prior application #:	Prior Project Manager:
²⁷ Written Notice of Violation?	<input type="checkbox"/> Yes → <input type="checkbox"/> No	If yes, name of DEP enforcement staff involved:	
²⁸ Detailed Directions to the Project Site:			
²⁹ Renewal of individual stormwater permit?		DEP Permit No:	Project Manager:
<input type="checkbox"/> No <input type="checkbox"/> Yes →			
³⁰ SUBMISSIONS			
<input type="checkbox"/> This form (signed and dated)	<input type="checkbox"/> Dept. of Inland Fisheries and Wildlife Approval (if in Essential Habitat)	<input type="checkbox"/> Photos of Area <input type="checkbox"/> ESC Plan <input type="checkbox"/> Location Map <input type="checkbox"/> Site Plan	For Renewal of an individual Stormwater permit <u>only</u>: <input type="checkbox"/> This form (signed and dated) <input type="checkbox"/> Copy of original stormwater permit <input type="checkbox"/> Fee
FEE: Pay by credit card at the Payment Portal. The Stormwater Permit-by-Rule fee may be found here: https://www.maine.gov/dep/feeschedule.pdf .			
<input type="checkbox"/> Attach payment confirmation from the Payment Portal when filing this notification form.			
Does the agent have an interest in this project? If yes, what is the interest?			

STORMWATER PBR APPLICATION FORM

CERTIFICATIONS / SIGNATURES

Applicant's Statement:

I am applying for a Stormwater PBR and have attached the required PBR submissions. I have read the requirements herein and I affirm that my project satisfies the applicable stormwater management standards. I authorize staff of State and Federal agencies having jurisdiction over this activity, to access the project site for the purpose of determining compliance with the rules. *If typing your signature below, you are agreeing to and acknowledging the above information is true.*

Signature (may be typed):



Date:

Notice of Intent to Comply with Maine Construction General Permit

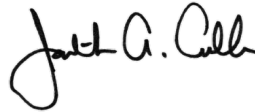
With this Stormwater PBR notification form and my signature below, I am filing notice of my intent to carry out work which meets the requirements of the Maine Construction General Permit. I have read and will comply with all of the MCGP standards. In addition, I will file a Notice of Termination (NOT) within 20 days of project completion.

If this form is not being signed by the landowner or lessee of the property, attach documentation showing authorization to sign. *If typing your signature below, you are agreeing to and acknowledging the above information is true.*

Signature (may be typed):



Date:



APPROVED

By Jonathan Cullen at 12:00 pm, May 22, 2021

Payment Receipt Confirmation

Your payment was successfully processed.

Transaction Summary

Description	Amount
DEP Payment Portal	\$68.00
Service Fee	\$2.00
Maine.gov Total	\$70.00

Customer Information

Customer Name Michael Parker
Company Name Loki Solar LLC
Local Reference ID 1103020236
Receipt Date 5/10/2021
Receipt Time 11:05:11 PM EDT

Payment Information

Payment Type Credit Card
Credit Card Type MAST
Credit Card Number *****9125
Order ID 56596908
Billing Name Michael Parker

Billing Information

Billing Address [15 High Pasture road](#)
Billing City, State Kittery Point, ME
ZIP/Postal Code 03905
Country US
Phone Number 207-944-2189

This receipt has been emailed to the **address below.**

Email Address michaelstanleyparker@gmail.com

ATTACHMENT B

PHOTOS OF AREA

Ariel View of Proposed Pembroke Site



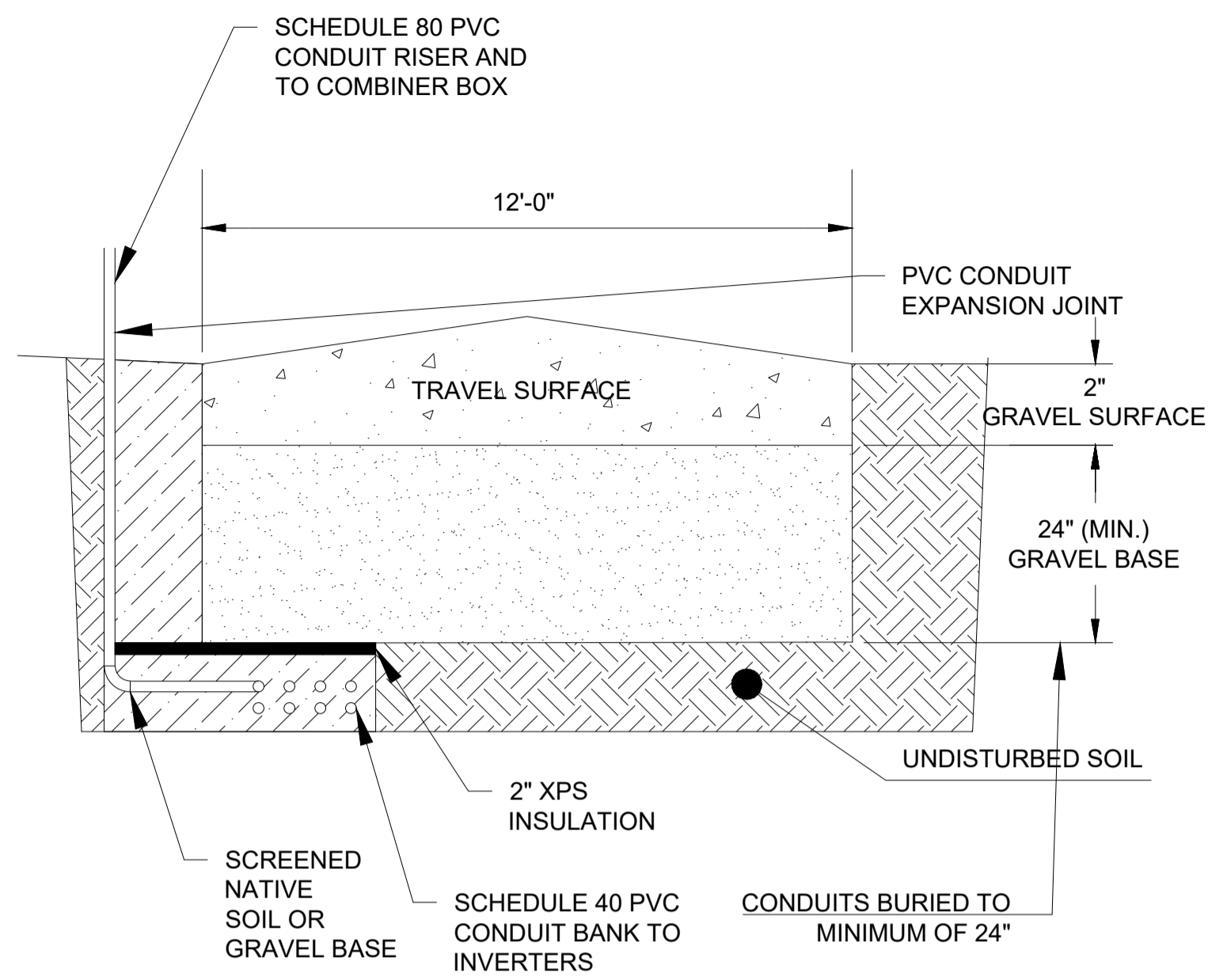
Views of Proposed Project Area





ATTACHMENT C

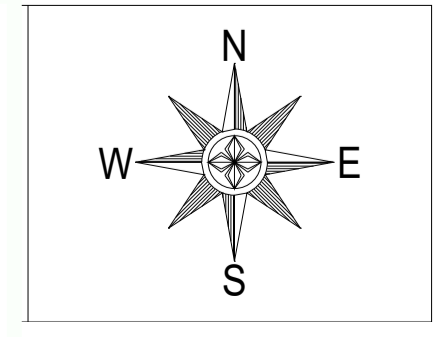
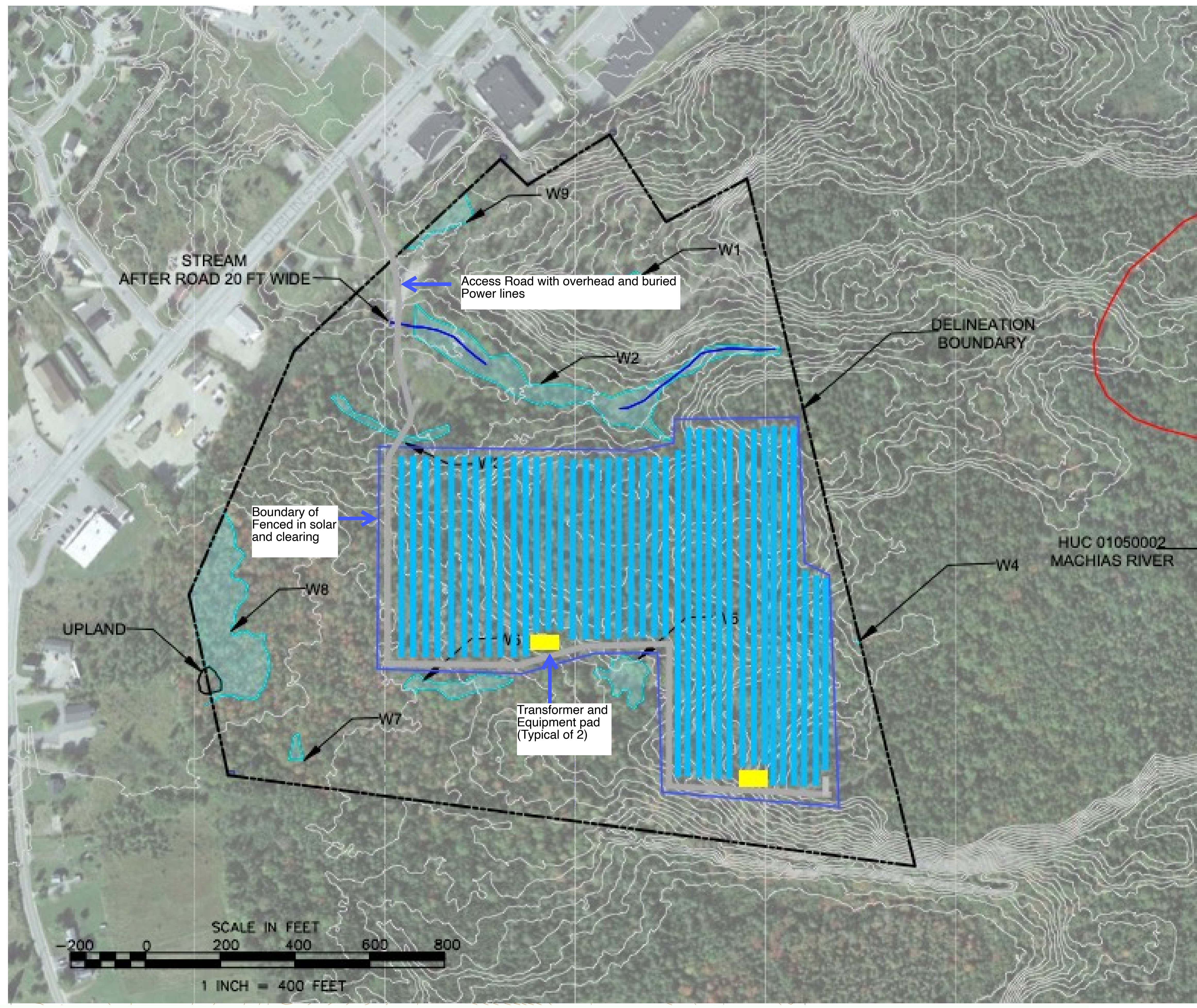
ESC & SITE PLAN AND CONSTRUCTION SCHEDULE



ACCESS ROAD DETAIL

Notes:

1. ECM Berm shall be placed downslope of all cleared area minimum of 1 foot high, 2 foot wide. On steeper slopes contractor shall place larger berm to provide stable slope on downgrade side.
2. All disturbed area not covered by roads or slabs shall be seeded and fertilized during spring 2022.
3. Project Information:
 Total project area - 19.9 acres
 Total proposed impervious area - 0.92 acres
 Total grading disturbance - 2.9 acres
 Total tree clearing - 19.9 acres
 Forested Wetland within project - 0 sq ft
 Other wetland within project - 0 sq ft



Machias Solar Construction Schedule

Site Work

Survey and Mark out Site and Roads – December 2021

Road and Conduit Bank Installation – December 2021 – January 2022

Rack Installation – January – March 2022

Fence Construction – January – March 2022

Array Install

Place Modules – March – April 2022

Install Inverters - March – April 2022

Field Wiring - March – April 2022

Interconnect Construction

Install Poles – April 2022

Transformer slab and installation – April – May 2022

HV Conduit install – December 2021 – January 2022

Overhead Cable and equipment - May 2022

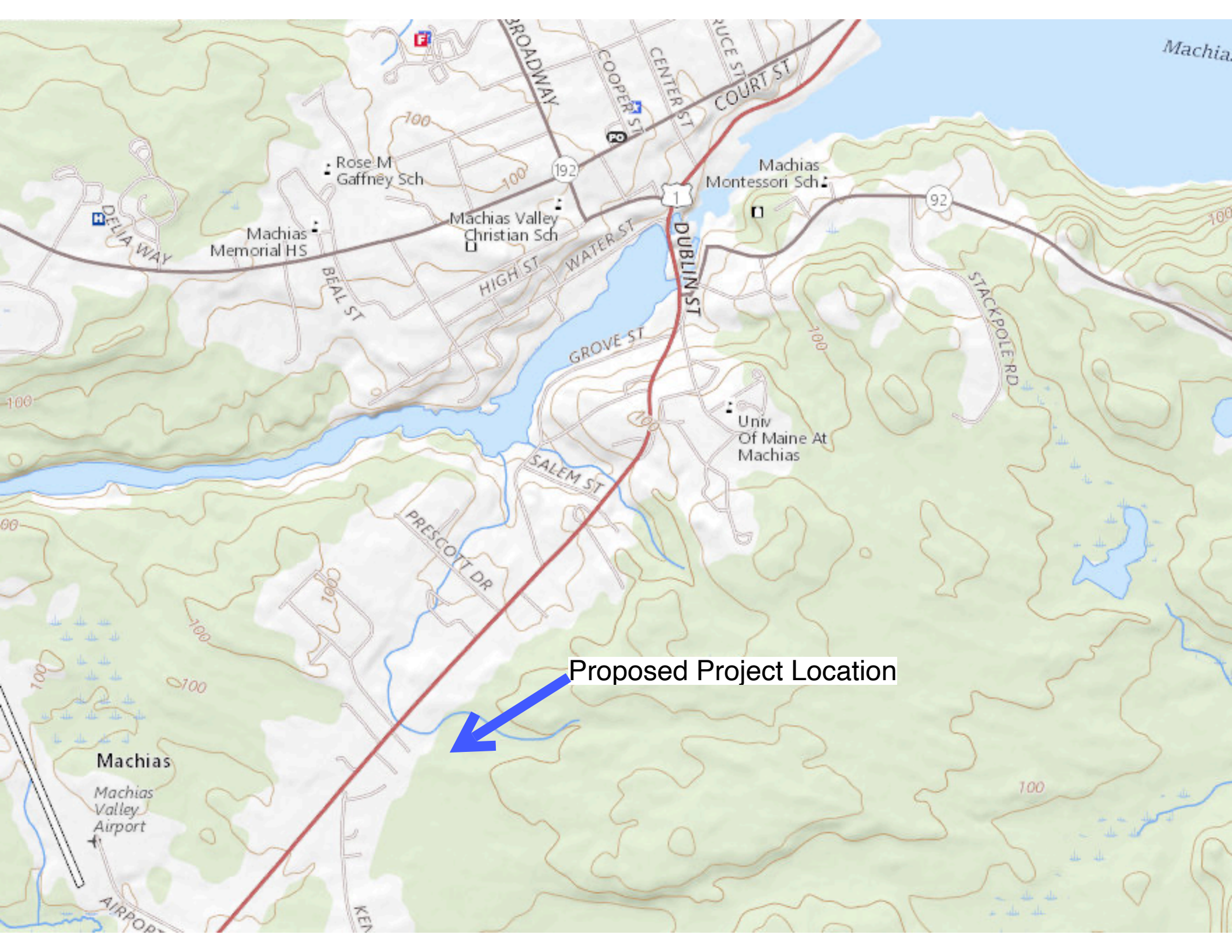
Startup and Commissioning

Field Checkout – May 2022

Commissioning – May - June 2022

ATTACHMENT D

LOCATION MAP



Proposed Project Location

ATTACHMENT E

STATEMENT OF GOOD STANDING

State of Maine



Department of the Secretary of State

I, the Secretary of State of Maine, certify that according to the provisions of the Constitution and Laws of the State of Maine, the Department of the Secretary of State is the legal custodian of the Great Seal of the State of Maine which is hereunto affixed and of the reports of formation, amendment and cancellation of articles of organization of limited liability companies and annual reports filed by the same.

I further certify that LOKI SOLAR LLC is a duly formed limited liability company under the laws of the State of Maine and that the date of formation is April 21, 2020.

I further certify that said limited liability company has filed annual reports due to this Department, and that no action is now pending by or on behalf of the State of Maine to forfeit the articles of organization and that according to the records in the Department of the Secretary of State, said limited liability company is a legally existing limited liability company in good standing under the laws of the State of Maine at the present time.

In testimony whereof, I have caused the Great Seal of the State of Maine to be hereunto affixed. Given under my hand at Augusta, Maine, this twenty-first day of September 2020.

A handwritten signature in black ink, appearing to read 'Matthew Dunlap', written over a horizontal line.

Matthew Dunlap
Secretary of State