

STATE OF CONNECTICUT
CONNECTICUT SITING COUNCIL

IN RE:	:	
	:	
A PETITION FOR A DECLARATORY	:	PETITION NO. 1425
RULING THAT A CERTIFICATE OF	:	
ENVIRONMENTAL COMPATIBILITY AND	:	
PUBLIC NEED IS NOT REQUIRED FOR THE	:	
CONSTRUCTION, OPERATION AND	:	
MAINTENANCE OF A 1.9 MWAC SOLAR	:	
PHOTOVOLTAIC PROJECT AT 360	:	
GAYLORD MOUNTAIN ROAD IN HAMDEN,	:	
CONNECTICUT	:	JANUARY 5, 2021

**SUPPLEMENTAL LATE-FILED EXHIBIT RESPONSE OF
GAYLORD MOUNTAIN SOLAR PROJECT 2019 LLC**

On December 15, 2020, the Connecticut Siting Council (“Council”) asked the Petitioner to submit responses to two questions in a second set of late-filed exhibits (“LFE2”). On December 30, 2020, the Petitioner submitted its responses to LFE2 noting, in response to question (a), that additional information from the Quinnipiack Valley Health District (“QVHD”) may be available prior to the continuation of the Petition No. 1425 evidentiary hearing. Below is the Petitioner’s supplemental response.

(a) Provide information regarding the typical depths of private drinking water wells located on properties adjacent to the site.

Response

Information regarding the depth of residential wells in the area around the Gaylord Solar Facility location was requested from the Quinnipiack Valley Health District pursuant to the State’s Freedom of Information Act. Unfortunately, due to restrictions related to the COVID 19 on Health District operations, it is unclear whether the well depth information will be provided

prior to the Council's January 7, 2021 evidentiary hearing. That said, according to the Petitioner's geotechnical engineers, Down to Earth Consulting, LLC, residential drinking water wells in the area near the Gaylord Solar Facility likely will reach depths of more than 100 feet.

Supplemental Response

The Petitioner was able to obtain Well Drilling Completion Reports (the "Well Reports") from the QVHD for five (5) residential parcels near the project site, including 3, 5, 9 and 18 Hunting Ridge Road and 360 Gaylord Mountain Road (two wells). The Petitioner did not receive the Well Reports for 11 Hunting Ridge Road or 315 Gaylord Mountain Road. Copies of the Well Reports are attached. Consistent with the Petitioners initial response to question (a), the Well Reports confirm that well depths in the area range from 150 to 620 feet below grade.

CERTIFICATE OF SERVICE

I hereby certify that on the 5th day of January 2021, a copy of the foregoing was sent, via electronic mail, to:

Jenny Nicolas, Development Project Manager
Gaylord Mountain Solar Project 2019, LLC
200 Harborside Drive, Suite 200
Schenectady, NY 12305
jenny.nicolas@dsdrenewables.com

Bruce L. McDermott, Esq.
Murtha Cullina LLP
265 Church Street
New Haven, CT 06510
bmcdermott@murthalaw.com

John Hudak
Regional Water Authority
90 Sargent Drive
New Haven, CT 06511
jhudak@rwater.com

Shawn O'Sullivan
5 Hunting Ridge Road
Hamden, CT 06518
shawn.osullivan@comcast.net

A handwritten signature in black ink, appearing to read "Kenneth C. Baldwin", written over a horizontal line.

Kenneth C. Baldwin

Do NOT fill in
STATE WELL NO.
OTHER NO.

LOCAL DIRECTOR OF HEALTH



RECEIVED

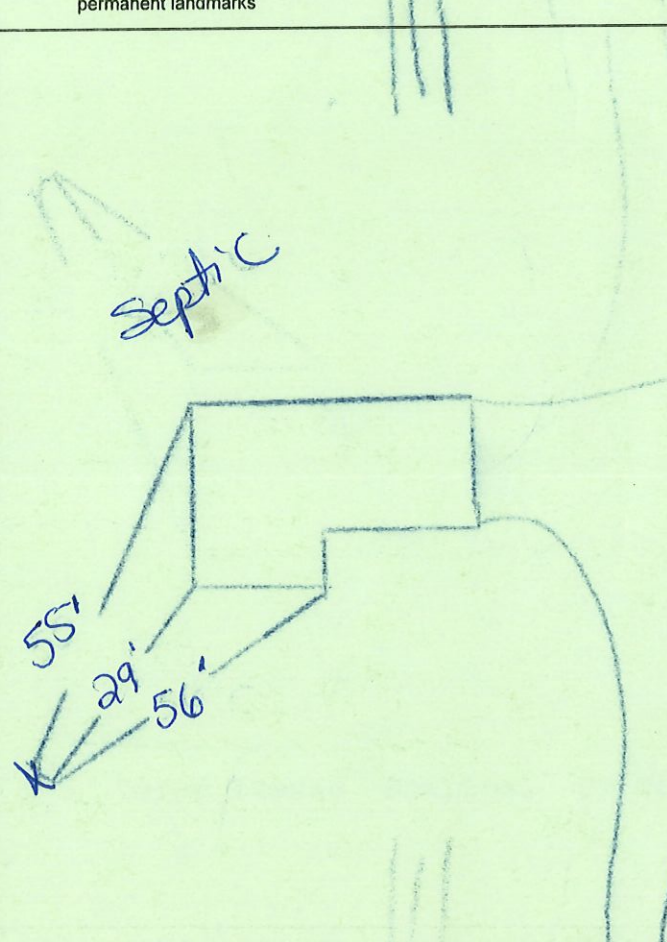
APR 15 1998

**STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION
WELL DRILLING COMPLETION REPORT**
165 Capitol Avenue, Hartford, Connecticut 06108

Do NOT fill in

STATE WELL NO.

OTHER NO. _____

OWNER		NAME Key Development		ADDRESS 375 Coram Avenue Shelton, CT 06484	
LOCATION OF WELL		(No. & Street) (Hunting Ridge Hamden,		(Lot Number) 8 House #9	
PROPOSED USE OF WELL		<input checked="" type="checkbox"/> DOMESTIC <input type="checkbox"/> BUSINESS ESTABLISHMENT <input type="checkbox"/> FARM <input type="checkbox"/> TEST WELL <input type="checkbox"/> PUBLIC SUPPLY <input type="checkbox"/> INDUSTRIAL <input type="checkbox"/> AIR CONDITIONING <input type="checkbox"/> OTHER (Specify)			
DRILLING EQUIPMENT		<input type="checkbox"/> ROTARY <input checked="" type="checkbox"/> COMPRESSED AIR PERCUSSION <input type="checkbox"/> CABLE PERCUSSION <input type="checkbox"/> OTHER (Specify)			
CASING DETAILS		LENGTH (feet) 42	DIAMETER (inches) 6	WEIGHT PER FOOT 17	<input checked="" type="checkbox"/> THREADED <input type="checkbox"/> WELDED DRIVE SHOE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO WAS CASING GROUTED? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
YIELD TEST		<input type="checkbox"/> BAILED <input type="checkbox"/> PUMPED <input checked="" type="checkbox"/> COMPRESSED AIR HOURS 4		YIELD (GPM) 15	
WATER LEVEL		MEASURE FROM LAND SURFACE - STATIC (Specify feet) 26		DURING YIELD TEST (feet) 260	Depth of Completed Well in feet 265
SCREEN DETAILS		MAKE _____ LENGTH OPEN TO AQUIFER (feet) _____ SLOT SIZE _____ DIAMETER (inches) _____ IF GRAVEL PACKED: _____ Diameter of well including gravel pack (inches) _____ GRAVEL SIZE (inches) _____ FROM (feet) _____ TO (feet) _____			
DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION		Sketch exact location of well with distances, to at least two permanent landmarks	
0 32		Gravel			
32 265		Granite			
If yield was tested at different depths during drilling, list below					
FEET		GALLONS PER MINUTE			
235		15			
DATE WELL COMPLETED 3/25/98		PERMIT NO. 186266		REGISTRATION NO. 4	
DATE OF REPORT 3/26/98		WELL DRILLER (Signature) _____			

LOCAL DIRECTOR OF HEALTH

Do NOT fill in
STATE WELL NO.
OTHER NO.

LOCAL DIRECTOR OF HEALTH

WELL COMPLETION REPORT

CPR-9 REV. 11-82

STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION

WELL DRILLING BOARD

165 CAPITOL AVE.
HARTFORD, CONNECTICUT 06106

Do NOT fill in

STATE WELL NO

OTHER NO

OWNER	NAME BRASCO BUILDERS		ADDRESS 20 CHESTNUT LANE, WALLINGFORD	
LOCATION OF WELL	(No. & Street) HUNTING RIDGE		(Town) HAMDEN	(Lot Number) 9
PROPOSED USE OF WELL	<input checked="" type="checkbox"/> DOMESTIC	<input type="checkbox"/> BUSINESS ESTABLISHMENT	<input type="checkbox"/> FARM	<input type="checkbox"/> TEST WELL
	<input type="checkbox"/> PUBLIC SUPPLY	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> AIR CONDITIONING	<input type="checkbox"/> OTHER (Specify)
DRILLING EQUIPMENT	<input type="checkbox"/> ROTARY	<input checked="" type="checkbox"/> COMPRESSED AIR PERCUSSION	<input type="checkbox"/> CABLE PERCUSSION	<input type="checkbox"/> OTHER (Specify)
	CASING DETAILS	LENGTH (feet) 57	DIAMETER (inches) 6	WEIGHT PER FOOT 17
YIELD TEST	<input type="checkbox"/> BAILED <input type="checkbox"/> PUMPED <input checked="" type="checkbox"/> COMPRESSED AIR		HOURS 4	YIELD (G.P.M.) 10
	MEASURE FROM LAND SURFACE—STATIC (Specify feet) 27		DURING YIELD TEST (feet) 400	Depth of Completed Well in feet below Land surface. 405
SCREEN DETAILS	MAKE MAKE			LENGTH OPEN TO AQUIFER (feet)
	SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED:	Diameter of well including gravel pack (inches):

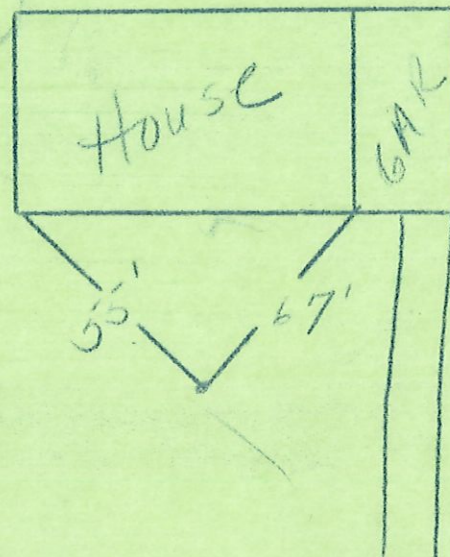
DEPTH FROM LAND SURFACE FEET TO FEET		FORMATION DESCRIPTION
0	47	SAND
47	405	SHALE

RECEIVED
APR 25 1994
STATE OF CONNECTICUT

If yield was tested at different depths during drilling, list below

FEET	GALLONS PER MINUTE
375	10

Sketch exact location of well with distances, to at least two permanent landmarks.



Hunting Ridge

DATE WELL COMPLETED 2-21-94	PERMIT NO. 161862	REGISTRATION NO. 308	DATE OF REPORT 2-22-94	WELL DRILLER (Signature)
---------------------------------------	-----------------------------	--------------------------------	----------------------------------	--------------------------

LOCAL DIRECTOR OF HEALTH

Do NOT fill in
STATE WELL NO.

OTHER NO.

OWNER		NAME <u>George Talmadge</u>		ADDRESS <u>66 Talmadge Road Hamden</u>	
LOCATION OF WELL		<u>360 Gaylord Mountain Road Hamden</u>			
PROPOSED USE OF WELL	<input checked="" type="checkbox"/> DOMESTIC	<input type="checkbox"/> BUSINESS ESTABLISHMENT	<input type="checkbox"/> FARM	TEST WELL <input type="checkbox"/> OTHER (Specify) _____	
	<input type="checkbox"/> PUBLIC SUPPLY	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> AIR CONDITIONING		
DRILLING EQUIPMENT	<input type="checkbox"/> ROTARY	<input checked="" type="checkbox"/> COMPRESSED AIR PERCUSSION	<input type="checkbox"/> CABLE PERCUSSION	<input type="checkbox"/> OTHER (Specify) _____	
CASING DETAILS	LENGTH (feet) <u>40</u>	DIAMETER (inches) <u>6</u>	WEIGHT PER FOOT <u>17</u>	<input checked="" type="checkbox"/> THREADED <input type="checkbox"/> WELDED	DRIVE SHOE <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
YIELD TEST	<input type="checkbox"/> BAILED <input type="checkbox"/> PUMPED	<input checked="" type="checkbox"/> COMPRESSED AIR	HOURS _____	YIELD (GPM) <u>8</u>	
WATER LEVEL	MEASURE FROM LAND SURFACE - STATIC (Specify feet) <u>45'</u>		DURING YIELD TEST (feet) _____		Depth of Completed Well in feet <u>210</u>
SCREEN DETAILS	MAKE _____				LENGTH OPEN TO AQUIFER (feet) <u>210</u>
	SLOT SIZE _____	DIAMETER (inches) _____	IF GRAVEL PACKED: _____	Diameter of well including gravel pack (inches) _____	GRAVEL SIZE (inches) _____
DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION		Sketch exact location of well with distances, to at least two permanent landmarks	
<u>0</u> <u>13</u>		<u>Hardpan</u>			
<u>13</u> <u>210</u>		<u>Sandstone</u>			
If yield was tested at different depths during drilling, list below					
FEET		GALLONS PER MINUTE			
DATE WELL COMPLETED		PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)
<u>8/15/97</u>	<u>182345</u>	<u>01-6</u>	<u>8/19/97</u>	<u>Sima Drilling Co.</u>	



STATE OF CONNECTICUT
DEPARTMENT OF CONSUMER PROTECTION
REAL ESTATE & PROFESSIONAL TRADES DIVISION
WELL DRILLING COMPLETION REPORT
 450 Columbus Blvd., Suite 901, Hartford, CT 06103

Do NOT fill in

STATE WELL NO.

OTHER NO.

LOCATION OF WELL	(No. & Street)		(Town)		(Lot Number)	
	360 Gaylord Mountain Road		Hamden			
OWNER	NAME			ADDRESS		
	Tomas Talmadge			315 Baylord Mountain Road Hamden		
PROPOSED USE OF WELL	<input checked="" type="checkbox"/> DOMESTIC	<input type="checkbox"/> BUSINESS ESTABLISHMENT	<input type="checkbox"/> FARM	<input type="checkbox"/> TEST WELL		
	<input type="checkbox"/> PUBLIC SUPPLY	<input type="checkbox"/> INDUSTRIAL	<input type="checkbox"/> AIR CONDITIONING	<input type="checkbox"/> OTHER (Specify)		
DRILLING EQUIPMENT	<input type="checkbox"/> ROTARY	<input checked="" type="checkbox"/> COMPRESSED AIR PERCUSSION	<input type="checkbox"/> CABLE PERCUSSION	<input type="checkbox"/> OTHER (Specify)		
CASING DETAILS	LENGTH (feet)	DIAMETER (inches)	WEIGHT PER FOOT	<input checked="" type="checkbox"/> THREADED <input type="checkbox"/> WELDED	DRIVE SHOE <input type="checkbox"/> YES <input type="checkbox"/> NO	WAS CASING GROUTED? <input type="checkbox"/> YES <input type="checkbox"/> NO
	50	6	17			
YIELD TEST	<input type="checkbox"/> BAILED	<input type="checkbox"/> PUMPED	<input checked="" type="checkbox"/> COMPRESSED AIR	HOURS	YIELD (GPM)	
				4	20	
WATER LEVEL	MEASURE FROM LAND SURFACE - STATIC (Specify feet)		DURING YIELD TEST (feet)		Depth of Completed Well in feet	
	20'		250		250	
SCREEN DETAILS	MAKE					LENGTH OPEN TO AQUIFER (feet)
	SLOT SIZE	DIAMETER (inches)	IF GRAVEL PACKED:	Diameter of well including gravel pack (inches)	GRAVEL SIZE (inches)	FROM (feet) TO (feet)
DEPTH FROM LAND TO SURFACE FEET TO FEET		FORMATION DESCRIPTION		Sketch exact location of well with distances, to at least two permanent landmarks		
0	32	Till				
32	45	Hardpan				
45	230	Sandstone				
230	250	White Sandstone				
If yield was tested at different depths during drilling, list below						
FEET	GALLONS PER MINUT					
DATE WELL COMPLETED	PERMIT NO.	REGISTRATION NO.	DATE OF REPORT	WELL DRILLER (Signature)		
5/17/19	268246	W1-7	5/20/19	SIMA DRILLING		

RECEIVED

MAY 22 2019

QUINNIPACK VALLEY
HEALTH DISTRICT