



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

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April 26, 2016

TO: Parties and Intervenors

FROM: Melanie Bachman, Acting Executive Director *NAB*

RE: **PETITION NO. 1223** - SolarCity Corporation petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required for the proposed construction, maintenance and operation of a 3.9 Megawatt Solar Photovoltaic Electric Generating facility located on municipally-owned property off Old Forge Road, Rocky Hill, Connecticut.

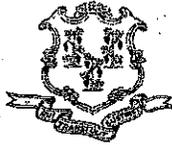
Comments have been received from the Drinking Water Section of the Connecticut Department of Public Health, dated April 22, 2016. A copy of the comments is attached for your review.

MB/RDM/lm

c: Council Members

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH



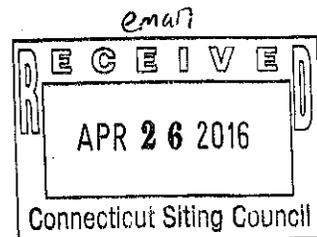
Raul Pino, M.D., M.P.H.
Commissioner

Dannel P. Malloy
Governor
Nancy Wyman
Lt. Governor

Drinking Water Section

April 22, 2016

Melanie Bachman
Acting Executive Director
Connecticut Siting Council
Ten Franklin Square
New Britain, CT 06051



Re: Petition No. 1223 Solar City Corporation—Petition for Declaratory Ruling for the Construction and Operation of a Solar Photovoltaic Electric Generating Facility off Old Forge Road in Rocky Hill, Connecticut
DPH Project #2016-0078

Dear Ms. Bachman:

The Drinking Water Section (DWS) of the Department of Public Health has reviewed the location, site plans, Environmental Assessment, Storm Water Management Report and Aquifer Protection Plan associated with the above noted Petition. This proposed project is located within the public water supply Level A aquifer protection area (APA) of the Gardiner Wellfield, an active source of public drinking water for the customers of Cromwell Fire District Water Department, (PWSID #CT0330011). It is over one thousand feet from the nearest public water supply well.

It is noted that in 2012, the Town of Rocky Hill proposed to expand its existing Industrial Park on the referenced parcel. The development would have included 105,000 to 420,000 square feet of manufacturing/R&D/office space, 3,000 linear feet of roadway, a sewage pump station, utilities and a bridge. The DWS was concerned that a development of that nature would pose significant challenges to protecting the purity and adequacy of the source of public drinking water. Some challenges the industrial park proposal presented were storage and use of chemicals in manufacturing processes, introduction of sewage collection and conveyance facilities into the source water area, loss of vegetation, introduction of significant amounts of impervious surfaces, and use of fertilizer and turf chemicals.

The proposed solar photovoltaic electric generating facility is not anticipated to create the same concerns that the proposed industrial park did. There is not anticipated to be storage or use of chemicals to operate the facility, no sewage infrastructure and a net reduction in impervious surfaces from the present condition.



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The petitioner provided an Aquifer Protection Plan that includes measures that the DWS generally recommends for the protection of ground water drinking water sources of supply. In addition to the measures proposed in the petition materials and the Aquifer Protection Plan, the DWS offers the following additional recommendations to protect this source of public drinking water:

- Cromwell Fire District Water Department (CFDWD) personnel should be allowed to review and comment on the Aquifer Protection Plan.
- CFDWD should be invited to attend the preconstruction meeting and afforded 48 hours advance notice of this meeting.
- CFDWD should be allowed to periodically inspect this project to ensure that drinking water quality is not being adversely impacted.
- CFDWD personnel should be contacted in the event of a fuel or chemical spill.
- Fertilizers should only be applied in quantities sufficient to establish a vegetative cover.
- Application of pesticides should be prohibited.

If you have any questions regarding this matter, please contact Pat Bisacky of this office at 860-509-7333.

Sincerely,



Lori J. Mathieu
Public Health Section Chief
Drinking Water Section

Cc: William Jarzavek, Cromwell Fire District Water Department