

**From:** Baldwin, Kenneth <[KBALDWIN@RC.com](mailto:KBALDWIN@RC.com)>  
**Sent:** Wednesday, January 27, 2021 8:19 AM  
**To:** Bachman, Melanie <[Melanie.Bachman@ct.gov](mailto:Melanie.Bachman@ct.gov)>; CSC-DL Siting Council <[Siting.Council@ct.gov](mailto:Siting.Council@ct.gov)>; Mathews, Lisa A <[Lisa.A.Mathews@ct.gov](mailto:Lisa.A.Mathews@ct.gov)>; Fontaine, Lisa <[Lisa.Fontaine@ct.gov](mailto:Lisa.Fontaine@ct.gov)>  
**Cc:** William Herchel <[wherchel@verogy.com](mailto:wherchel@verogy.com)>; Bryan Fitzgerald <[bfitzgerald@verogy.com](mailto:bfitzgerald@verogy.com)>; Bradley J. Parsons ([BParsons@allpointstech.com](mailto:BParsons@allpointstech.com)) <[BParsons@allpointstech.com](mailto:BParsons@allpointstech.com)>  
**Subject:** Petition No. 1417 - Watertown Solar One, LLC - CT Dam Safety Review Request

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Attorney Bachman:

Pursuant to Condition 1 (h) of the Council's December 3, 2020 approval of Petition No 1417, the email chain below confirms that the Petitioner, Watertown Solar One LLC has consulted with the Connecticut Department of Energy and Environmental Protection, Dam Safety Unit regarding permitting requirements for the proposed stormwater basins at the project site. As indicated below, stormwater basins that are designed to impound less than three acre-feet of water, like those at the Watertown Solar One LLC facility, do not need a Dam Safety Permit.

If you have any questions regarding the information provided below please contact me. Thank you.

Ken

**Kenneth C. Baldwin**

Robinson & Cole LLP  
280 Trumbull Street  
Hartford, CT 06103  
Direct 860.275.8345 | Fax 860.275.8299  
[kbaldwin@rc.com](mailto:kbaldwin@rc.com) | [www.rc.com](http://www.rc.com)  
[Bio](#) | [Contact Card](#)

**A resource for you - visit our [COVID-19 Response Team](#) webpage.**

**Robinson+Cole**  
**Celebrating 175 Years**

Boston | Hartford | New York | Providence | Miami | Stamford  
Los Angeles | Wilmington | Philadelphia | Albany | New London

**From:** Parekh, Kartik <[Kartik.Parekh@ct.gov](mailto:Kartik.Parekh@ct.gov)>  
**Sent:** Tuesday, January 26, 2021 3:57 PM  
**To:** Bradley J. Parsons <[BParsons@allpointstech.com](mailto:BParsons@allpointstech.com)>  
**Cc:** Hall, Ivonne <[Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov)>  
**Subject:** RE: Watertown Solar One, LLC - CT Dam Safety Review Request

Brad,

We have received new guidance on when new solar power development proposals should be submitted to the DEEP Dam Safety program for permit need determination review. Solar sites' stormwater basins that are designed to impound less than 3 acre-feet of water at maximum

storage elevation (assume water level at the crest of the dam) would not need a DEEP Dam Safety Permit to construct. Please check with the local inland wetlands agency for permit requirements.

Stormwater basins that are designed to store more than 3 acre-feet of water would require a request for a permit need determination request that provides supplemental information.

This determination applies to the stormwater basins associated with development of new solar power sites. Once the dams are constructed you must contact the DEEP Dam Safety Program to receive dam registration forms and have the dams registered with the State.

Please feel free to contact me or my supervisor, Ivonne Hall at [Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov) if you have any questions.

Thank you.

Kartik Parekh  
Dam Safety Section  
Water Planning & Management Division  
Bureau of Water Protection & Land Reuse  
Connecticut Department of Energy and Environmental Protection  
79 Elm Street, Hartford, CT 06106-5127  
P: 860.424.3615 | F: 860.424.4075 | E: [kartik.parekh@ct.gov](mailto:kartik.parekh@ct.gov)



[www.ct.gov/deep/dams](http://www.ct.gov/deep/dams)

***Conserving, improving and protecting our natural resources and environment;  
Ensuring a clean, affordable, reliable, and sustainable energy supply.***

**From:** Hall, Ivonne <[Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov)>  
**Sent:** Monday, January 25, 2021 11:30 AM  
**To:** Bradley J. Parsons <[BParsons@allpointstech.com](mailto:BParsons@allpointstech.com)>  
**Cc:** Parekh, Kartik <[Kartik.Parekh@ct.gov](mailto:Kartik.Parekh@ct.gov)>; Hall, Ivonne <[Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov)>  
**Subject:** RE: Watertown Solar One, LLC - CT Dam Safety Review Request

Hi Brad—Kartik Parekh, who is copied on this email, was assigned this review. He is off today but he is working tomorrow. I will have him follow up with you about the status of this review.

***Ivonne***

Ivonne Grajko Hall, P.E.  
Supervising Civil Engineer  
Dam Safety Program  
Water Planning & Management Division  
Bureau of Water Protection & Land Reuse

Connecticut Department of Energy and Environmental Protection  
79 Elm Street, Hartford, CT 06106-5127  
P: 860.424.3754 | E: [Ivonne.hall@ct.gov](mailto:Ivonne.hall@ct.gov)  
<https://portal.ct.gov/DEEP/Water/Dams/Dams-Safety>  
<https://portal.ct.gov/DEEP/Water/Dams/State-Dams-and-Dam-Safety>



[www.ct.gov/deep](http://www.ct.gov/deep)

**From:** Bradley J. Parsons <[BParsons@allpointstech.com](mailto:BParsons@allpointstech.com)>  
**Sent:** Monday, January 25, 2021 10:48 AM  
**To:** Hall, Ivonne <[Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov)>  
**Subject:** FW: Watertown Solar One, LLC - CT Dam Safety Review Request

EXTERNAL EMAIL: This email originated from outside of the organization. Do not click any links or open any attachments unless you trust the sender and know the content is safe.

Ivonne,

I wanted to follow up on the request below for the Watertown Solar One project.

Brad

**BRAD PARSONS, PE**  
**MANAGER CIVIL ENGINEERING**

M | 203.814.6866  
All-Points Technology Corporation

**From:** Bradley J. Parsons  
**Sent:** Thursday, December 17, 2020 11:55 AM  
**To:** Laskin, Anna <[Anna.Laskin@ct.gov](mailto:Anna.Laskin@ct.gov)>; Hall, Ivonne <[Ivonne.Hall@ct.gov](mailto:Ivonne.Hall@ct.gov)>  
**Cc:** Jin Tao <[JTao@allpointstech.com](mailto:JTao@allpointstech.com)>; Cameron Hendry <[CHendry@allpointstech.com](mailto:CHendry@allpointstech.com)>  
**Subject:** Watertown Solar One, LLC - CT Dam Safety Review Request

Ivonne/Anna,

I hope this email finds you well on this snowy Thursday. I am writing to request a review by the Dam Safety Office for the proposed Watertown Solar One, LLC solar project located at Hinman Road & Platt Road in Watertown, CT. We have provided the details on this project below.

1. A location map sufficient in scale to clearly show the exact location of the proposed basin in relation to the surrounding area and the delineation and the size of the drainage area in square miles. Please see attached Basin Location map. Three basins are proposed with the associated drainage areas; B-1 with  $\pm 0.0024$  square miles. B-2 with  $\pm 0.0073$  square miles, and B-3 with  $\pm 0.0088$  square miles.
2. What is the maximum storage capacity of the proposed stormwater basin in acre-feet? Basins B-1, B-2, and B-3 are all designed with an overflow weir that maintains a maximum stage during the 100-year storm event of 3.0 feet. An additional foot of freeboard is also provided for each basin so the overall depth of the basins is 4 ft. The associated maximum storage capacity at 3.0 ft depth is as follows: B-1 storage  $\pm 0.14$  ac-ft, B-2 storage of  $\pm 0.90$  ac-ft, and B-3 storage of  $\pm 0.87$  ac-ft. The basins have a downstream berm maximum height (from existing ground) of 3 ft for B-1, 5 ft for B-2, 9 ft for B-3. Each of the basin berms will be lined with a Geosynthetic Clay Liner, below the topsoil and riprap layer.
3. What is located downstream of the proposed basin? An existing wetland/stream system is downstream of basins B-1 and B-2. An existing wetland/stream system is downstream of basin B-3. The drainage areas for the basins currently drain to the same wetland/stream systems.
4. Show downstream impact area or a breach map (if there is one). Based on the relatively small maximum storage capacities per basin (all less than 1 ac-ft) as well as the downstream conditions, a breach map was not prepared but can be provided upon request.
5. Traffic counts on roadways that would be inundated or affected by a breach. While Winding Brook Farm Road is downstream of basins B-1 and B-2, a full breach is unlikely to affect or inundate the road.
6. Show culverts located downstream of the proposed work area, their sizes and other relevant drainage information. There are 2 existing 36" CMP culverts along the stream to the east of basins B-1 & B-2, which is upstream of the proposed outfalls associated with basins B-1 and B-2. There is an existing 15" HDPE culvert in the stream southeast of the proposed outfalls associated with basins B-1 and B-2.

A link for the drainage report and D&M plans submitted to the CSC is available here:

Project Plans - <https://allpoints.egnyte.com/dl/qYETMouS0h>

Drainage Report - <https://allpoints.egnyte.com/dl/uXOxr17fmd>

Please let me know if you have any questions or concerns.



**Bradley J. Parsons, PE, PMP**

Manager Civil Engineering

---

**D:** 860.552.2046  
**M:** 203.814.6866  
**E:** [bparsons@allpointstech.com](mailto:bparsons@allpointstech.com)

*Please note our new corporate office address*

---

This transmittal may be a confidential R-C attorney-client communication or may otherwise be privileged or confidential. If it is not clear that you are the intended recipient, you are hereby notified that you have received this transmittal in error; any review, dissemination, distribution, or copying of this transmittal is strictly prohibited. If you suspect that you have received this communication in error, please notify us immediately by telephone at 1-860-275-8200, or e-mail at [it-admin@rc.com](mailto:it-admin@rc.com), and immediately delete this message and all its attachments.

---