



STATE OF CONNECTICUT

CONNECTICUT SITING COUNCIL

Ten Franklin Square, New Britain, CT 06051

Phone: (860) 827-2935 Fax: (860) 827-2950

E-Mail: siting.council@ct.gov

www.ct.gov/csc

VIA ELECTRONIC MAIL

July 18, 2019

Donald Emanuel
Installation Manager
Doosan Fuel Cell America, Inc.
195 Governors Highway
South Windsor, CT 06074
donald.emanuel@doosan.com

RE: PETITION NO. 1374 – Doosan Fuel Cell America, Inc. petition for a declaratory ruling, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 440-kilowatt customer-side combined heat and power fuel cell facility and associated equipment to be located at Carla's Pasta, 280 Nutmeg Road, South Windsor, Connecticut.

Dear Mr. Emanuel:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than July 31, 2019. To help expedite the Council's review, please file individual responses as soon as they are available.

Please forward an original and 15 copies to this office, as well as send a copy via electronic mail. In accordance with the State Solid Waste Management Plan and in accordance with Section 16-50j-12 of the Regulations of Connecticut State Agencies the Council is requesting that all filings be submitted on recyclable paper, primarily regular weight white office paper. Please avoid using heavy stock paper, colored paper, and metal or plastic binders and separators. Fewer copies of bulk material may be provided as appropriate.

Please be advised that the original and 15 copies are required to be submitted to the Council's office on or before the July 31, 2019 deadline.

Any request for an extension of time to submit responses to interrogatories shall be submitted to the Council in writing pursuant to §16-50j-22a of the Regulations of Connecticut State Agencies.

Sincerely,

Melanie Bachman
Executive Director

MB/RM



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Petition No. 1374

Doosan Fuel Cell

Carla's Pasta – 280 Nutmeg Road

South Windsor, CT

Interrogatories

1. Is any portion of the proposed project on prime farmland soils, as mapped by the CT Natural Resource Conservation Service? If so, estimate the amount of mapped prime farmland soils that would be impacted by the proposed fuel cell installation.
2. Referencing the Desulphurization Memo (Petition Attachment 19), who would remove the non-hazardous zinc sulfide once the container is filled and where would this material be disposed of?
3. Referencing the Emergency Response Guide (Petition Attachment 5),
 - Page 2 Scope states *“Information contained in this document shall be customized to meet local requirements and shall be shared with local responders as necessary”*. When would the final Emergency Response Guide be developed and what additional information would be included?
 - When would outreach occur to the local emergency responders?
 - The submitted Emergency Response Guide is dated January 25, 2016 – is this the current version of the guide?





Doosan Fuel Cell America, Inc.
195 Governor's Highway
South Windsor, CT 06074
T - 860 727 2200

July 19, 2019

**RE: PETITION NO. 1374- Response to Interrogatories;
Doosan Fuel Cell America, Inc. petition for a declaratory, pursuant to Connecticut General Statutes §4-176 and §16-50k, for the proposed construction, maintenance and operation of a 440- kilowatt customer-side combined heat and power fuel cell facility and associated equipment to be located at Carla's Pasta, 280 Nutmeg Road, South Windsor, Connecticut**

Dear Siting Council,

Please find attached the responses to Council Interrogatories - (along with corresponding exhibits), requisitioned on July 18, 2019 for PE 1374 by the CT Siting Council.

Additional questions may be addressed to:

Donald Emanuel
195 Governor's Highway
South Windsor, CT 06074
860-727-2160
Donald.Emanuel@doosan.com

Thank you for your consideration and time.

Sincerely,

Doosan Fuel Cell America, Inc.

Donald Emanuel
Installation Project Manager
Doosan Fuel Cell America, Inc.



Doosan Fuel Cell America, Inc.
195 Governor's Highway
South Windsor, CT 06074
T - 860 727 2200

Petition No. 1374
Doosan Fuel Cell America, Inc.
Carla's Pasta – 280 Nutmeg Rd, South Windsor CT

Interrogatories

1. Is any portion of the proposed project on prime farmland soils, as mapped by the CT Natural Resource Conservation Services? If so, estimate the amount of mapped prime farmland soils that would be impacted by the proposed fuel cell installation?
- R1. There is no portion of the proposed project that is located on prime farmland soil. Please see attachment R1: 280 Nutmeg Farmland Soils showing the proposed project location on CT DEP April 2011 South Windsor Farmland Soils map.
2. Referencing the Desulphurization memo (Petition Attachment 19), who would remove the non-hazardous zinc sulfide once the container is filled and where would this material be disposed of?
- R2. The vessel is capped and removed by Doosan technicians during the ten year overhaul process. The vessel is then transported to a recycling facility where the zinc sulfide is refined and repurposed. The vessel is returned to Doosan for reuse.
3. Referencing the Emergency Response Guide (Petition Attachment 5),
 - Page 2 Scope states: *"Information contained in this document shall be customized to meet local requirements and shall be shared with local responders as necessary"*. When would the final Emergency Response Guide be developed and what additional information would be included?
 - When would outreach occur to the local emergency responders?
 - The submitted Emergency Response Guide is dated January 25, 2016 – is this the current version of the guide?
- R3.
 - The version submitted to the Council is the final version, reflecting contact information specific to the project location. The document would only be updated at the request of the local AHJ.
 - Outreach occurs at the start of the project, during the local permitting process, and then again once authorization to energize is granted by the utility and before commercial power production.
 - The template used for this guide, dated January 25, 2016, is the current version of the template. All information contained in the guide is current as of the petition filing.

FARMLAND SOILS
SOUTH WINDSOR, CONNECTICUT

Prime Farmland Soils are those soils that have the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oil seed crops, and are also available for these uses (the land could be cropland, pastureland, range-land, forestland, or other land, but not urban built-up land or water). It has the soil quality, growing season and moisture supply needed to economically produce sustained high yields or crops when treated and managed, including water management, according to acceptable farming practices.

Statewide Important Farmland Soils are those soils that fail to meet one or more of the requirements of prime farmland, but are important for the production of food, feed, fiber, or forage crops. They include those soils that are nearly prime farmland and that economically produce high yields of crops when treated and managed according to acceptable farming methods.

Locally Important Farmland Soils are those soils that are not prime or statewide importance but are used for the production of high value food, fiber or horticultural crops. This land may be important to the local economy due to its productivity or value. Includes locally important farmland soils for the towns of Ashford, Canterbury, Chaplin, Eastford, Lebanon, Milford, New Milford, and Norfolk.

- | | |
|---|----------------------|
|  | Open Water |
|  | River, Brook, Stream |
|  | Town Boundary |
|  | State Boundary |
|  | County Boundary |
|  | Interstate Highway |
|  | US Route Highway |
|  | State Route Highway |
|  | Highway Ramp |
|  | Local Road |
|  | Railroad |

This map identifies land that is defined as prime farmland, statewide important farmland or locally important farmland based on soil type, in accordance with the Code of Federal Regulations, CFR title 7, part 657. It identifies the location and extent of the most suitable land for producing food, feed, fiber, forage, and oilseed crops and is available for these uses.

This map is prepared as a guide to identify the location and extent of those lands that have productive soils. Those lands may qualify to be protected in the Federal Farm and Ranch Lands Protection Program (FRPP) which is reauthorized in the Food, Conservation and Energy Act of 2008 (Farm Bill) to protect working agricultural land from conversion to nonagricultural uses and in the

Connecticut Department of Agriculture, Farmland Preservation Program's goal of securing a food and fiber producing land resource base for the future of agriculture in CT.

As the minimum size delineation is approximately 3 acres, this map does not show all the soils designated as farmland soils. This map does not necessarily portray land that is used currently for farms. It identifies productive soils that are suitable to be farmed.

This map does not incorporate current land use changes which may affect the farmland soil designation.

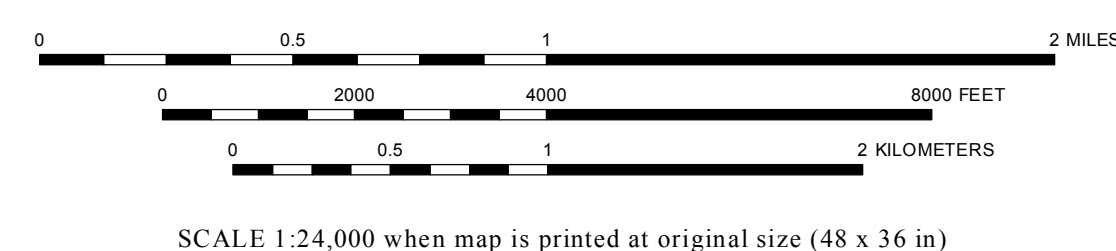
SOIL DATA - Soil map units shown on this map are from the 2007 Soil Survey Geographic Database (SSURGO) database produced by the USDA, Natural Resources Conservation Service (NRCS). The soils were mapped at a scale of 1:12,000 with a minimum size delineation of three acres. Enlargement of this map beyond the original source scale will not show additional detail and can cause misunderstanding of the detail of mapping. For the most recent soils data contact the NRCS.

hydrography, geographic names and geographic places. Streets and street names are from Tele Atlas copyrighted data. Base map information is neither current nor complete.

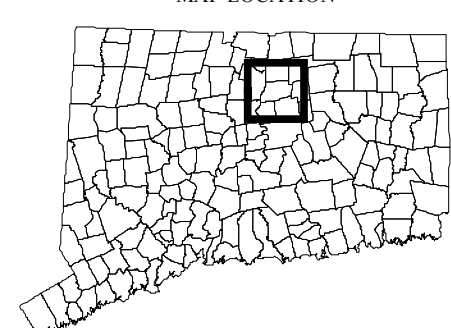
RELATED INFORMATION

This map is intended to be printed at its original dimensions in order to maintain the 1:24,000 scale (1 inch = 2000 feet).

MAPS AND DIGITAL DATA - Visit the CT ECO website for this map and a variety of others. Visit the NRCS soils website for the soils data shown on this map. Visit the CT DEP website to download the base map digital spatial data shown on this map.



MAP LOCATION



State Plane Coordinate System of 1983, Zone 3528
Lambert Conformal Conic Projection
North American Datum of 1983



STATE OF CONNECTICUT
DEPARTMENT OF
ENVIRONMENTAL PROTECTION
79 Elm Street
Hartford, CT 06106-5127

Map prepared by CT DEP
April 2011
Map is not colorfast
Protect from light and moisture



Natural
Resources
Conservation
Service

The USDA is an equal opportunity provider and employer.



280 Nutmeg – Farmland Soils

Exploded View

