



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

January 30, 2017

**RE: PETITION NO. 1270 - Doosan Fuel Cell America, Inc. petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to replace an existing customer-side 200-kilowatt fuel cell facility with a 460-kilowatt customer-side combined heat and power fuel cell facility to be located at the Fairfield Wastewater Treatment Facility, 183 Richard White Way, Fairfield, Connecticut.**

Dear Siting Council,

Please find attached the responses to Council Interrogatories – Set Three (along with corresponding exhibits), requisitioned on 12/27/2016 for PE 1270 by the CT Siting Council.

Please be advised that Doosan submitted a Motion for Extension of Time to Respond on January 26, 2017 regarding Interrogatories number 41 and 44. Doosan will provide the responses to Interrogatories 41 and 44 as soon as we have the completed site plan drawing and noise analysis report not later than February 17, 2017.

Address additional questions to:

**Tania Russell**

195 Governor's Highway  
South Windsor, CT 06074  
(860) 727-2073

Tania.Russell@doosan.com

Sincerely,

Doosan Fuel Cell America, Inc.

A handwritten signature in cursive script, reading "Dawn Mahoney".

Dawn Mahoney, Esq.

General Counsel

Doosan Fuel Cell America, Inc.

Original

**VIA ELECTRONIC MAIL**

December 27, 2016

Dawn Mahoney, Esq.  
General Counsel  
Doosan Fuel Cell America Inc.  
195 Governor's Highway  
South Windsor, CT 06074

RE: **PETITION NO. 1270** - Doosan Fuel Cell America, Inc. petition for a declaratory ruling that no Certificate of Environmental Compatibility and Public Need is required to replace an existing customer-side 200-kilowatt fuel cell facility with a 460-kilowatt customer-side combined heat and power fuel cell facility to be located at the Fairfield Wastewater Treatment Facility, 183 Richard White Way, Fairfield, Connecticut.

Dear Attorney Mahoney:

The Connecticut Siting Council (Council) requests your responses to the enclosed questions no later than January 10, 2017. 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.

Yours very truly,

Melanie Bachman  
Acting Executive Director

MB/MP

c: Council Members  
Tania Russell, Doosan Fuel Cell America, Inc.

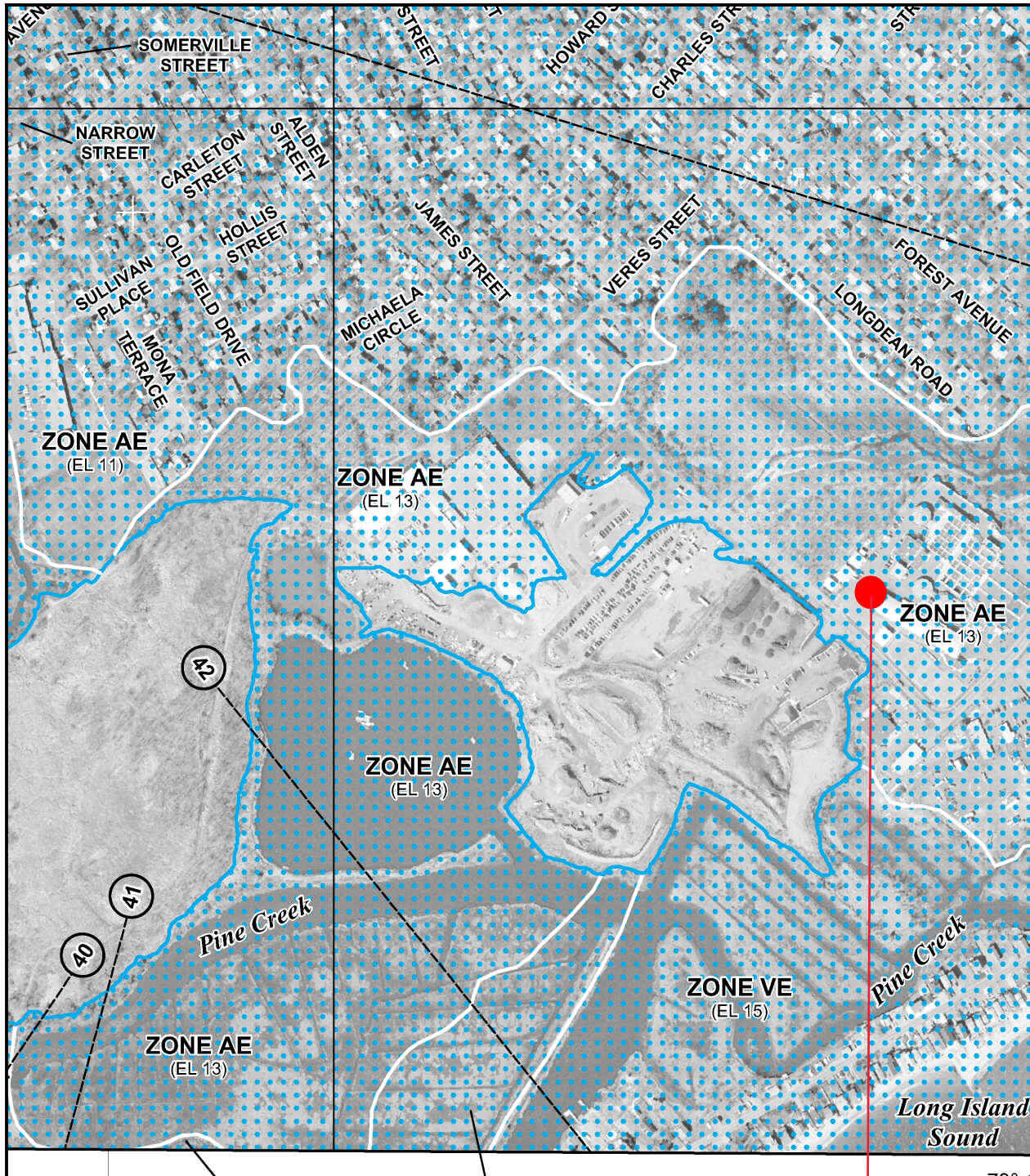
**Petition No. 1270**  
**Doosan Fuel Cell America, Inc.**  
**183 Richard White Way**  
**Fairfield, CT**  
**Interrogatories – Set Three**

41. In Doosan's response to Council interrogatory number 34, an aerial photograph with a depiction of the fuel cell and cooling module and electrical trench is provided. Provide a detailed site plan drawing with a scale that includes but is not limited to location and dimensions of the fuel cell, cooling module, concrete pads, fence design and bollards (if applicable), and utility connections including natural gas. (The site plan drawing provided in Petition No. 1262, interrogatory response 31 is an example.)
- R41. Doosan submitted a Motion for Extension of Time to Respond to the Siting Council on January 26, 2017, to request an extension to provide the detailed site plan drawing. Doosan will provide the detailed site plan drawing as soon as we have it completed not later than February 17, 2017.
42. In Doosan's response to questions 11 and 35, Doosan indicates that it is considering flood mitigation measures in consultation with the Fairfield Wastewater Treatment Plant flood mitigation team. Provide the 100-year base flood elevation in the vicinity of the project. Also provide the ground elevation of the proposed fuel cell location.
- R42. Please see attached Fairfield -1 Flood Zone Map with a black circled dot representing the location of the proposed site. The map highlights that the fuel cell facility is located outside the 100-year and 500-year flood zones. The 100-year base flood elevation in the vicinity of the project is 13 feet taken from the Fairfield flood map (at location ZONE AE (EL 13)). The ground elevation of the proposed site was taken as 17 feet at location 41°07'47.29 N 73°15'07.13 W.
43. Referencing Doosan's response to question 36, identify the specific property location on the zoning map.
- R43. Please see attached Fairfield -2 Zoning map identifying the property location.
44. Referencing Doosan's response to question 38, Doosan included a sound study based on testing a fuel cell facility. Please provide a site specific (i.e. consistent with the site plan) noise analysis report indicating the methodology used to compute the noise levels and identify the Connecticut Department of Energy and Environmental Protection (DEEP) Land Use Zones (A, B, or C) of the noise emitter and the noise receptors and indicate if the project is in compliance with the DEEP noise standards for the applicable emitter to receptors at the host property boundaries.
- R44. Doosan filed a Motion for Extension of Time to Respond to this Interrogatory on January 26, 2017, and will provide the noise analysis report as soon as the analysis is completed not later than February 17, 2017.

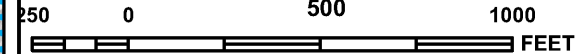
# **ATTACHMENTS**



***FAIRFIELD -1***  
***COLOR FLOOD MAP***



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0419G

## FIRM

FLOOD INSURANCE RATE MAP  
FAIRFIELD COUNTY,  
CONNECTICUT  
(ALL JURISDICTIONS)

PANEL 419 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
FAIRFIELD, TOWN OF	090007	0419	G

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER  
09001C0419G

MAP REVISED  
JULY 8, 2013

Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at [www.msc.fema.gov](http://www.msc.fema.gov)

**Proposed Fuel Cell Site Location**

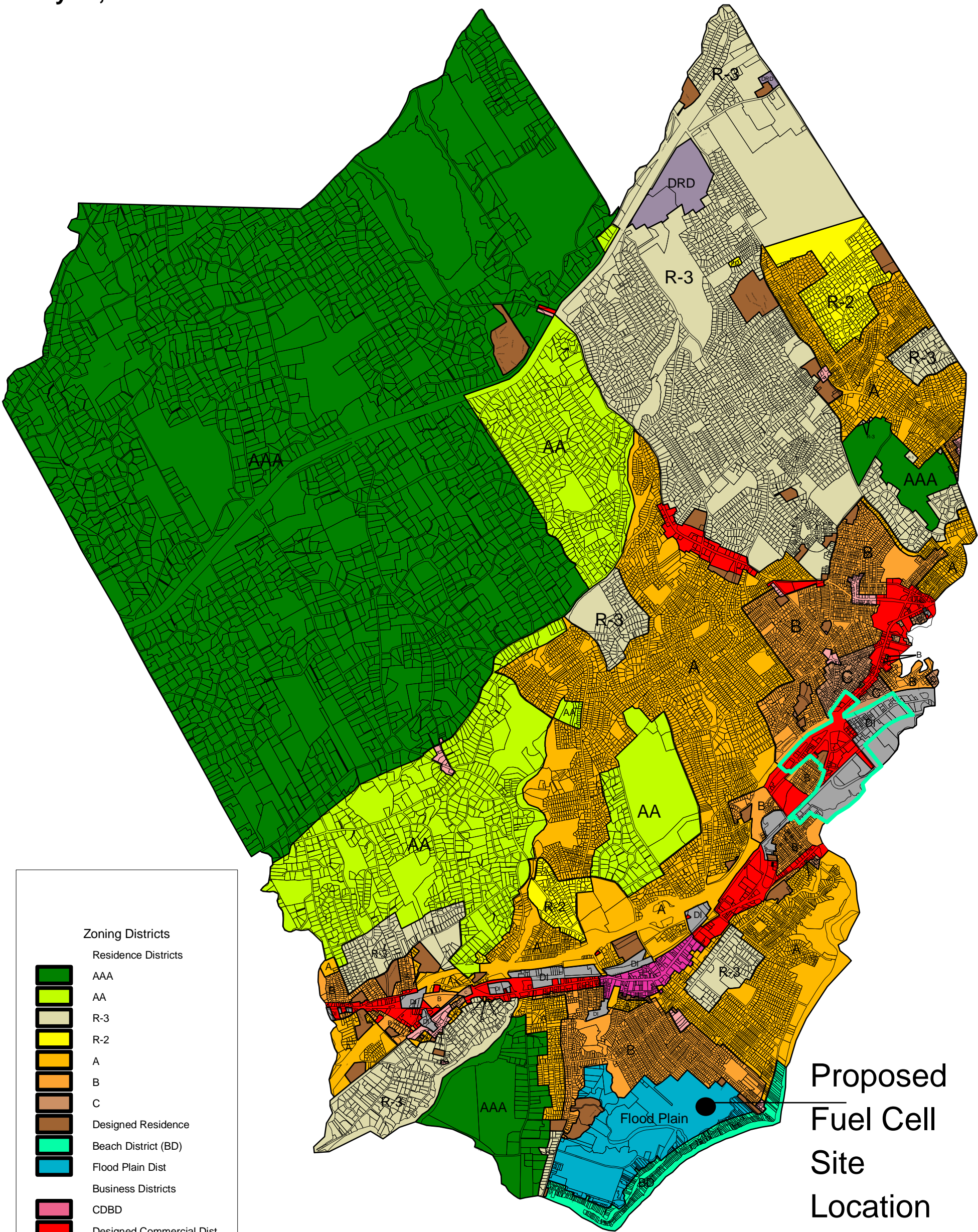
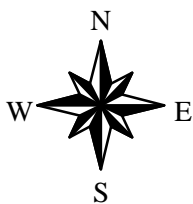
***FAIRFILED -2***

***ZONING MAP IDENTIFYING PROPERTY  
LOCATION***



# Zoning Districts

Fairfield, Connecticut  
Town Plan and Zoning Commission  
July 26, 2013



Proposed  
Fuel Cell  
Site  
Location

Zoning Districts	
Residence Districts	
	AAA
	AA
	R-3
	R-2
	A
	B
	C
	Designed Residence
	Beach District (BD)
	Flood Plain Dist
Business Districts	
	CDBD
	Designed Commercial Dist
	NDD
Industrial Districts	
	DI
	DRD
	Commerce Drive Area Designed District