

***Petition For A Declaratory Ruling That No Certificate Of Environmental Compatibility And Public Need Is Required For The Installation Of A Customer-Side 440 kW Fuel Cell Project To Be Located At Eastern CT State University, 83 Windham St., Willimantic, CT 06226.***

**I. INTRODUCTION**

Pursuant to Connecticut General Statutes Section 16-50k, Doosan Fuel Cell America, Inc.(Doosan) hereby petitions the Connecticut Siting Council (the “Council”) for a declaratory ruling (“Petition”) that a Certificate of Environmental Compatibility and Public Need (“Certificate”) is not required for the installation (upgrade of existing 400 kW fuel cell) of one (1) 440 kW fuel cells in support of a customer-side distributed resources project in Willimantic, Connecticut (the “Project”) as described below. Doosan submits that no Certificate is required because the proposed installation would not have a substantial adverse environmental effect.

**II. DESCRIPTION AND LOCATION OF THE PROJECT**

The fuel cell is a customer-side installation distributed generation resource with grid interconnection and is to be located on the same foot print as the existing 400 kW fuel cell at Eastern CT State University (ECSU) Science Building in Willimantic, CT (see project site – Attachment A). The installation consists of removing the existing 400 kW fuel cell and installing one (1) natural-gas fueled 440 kW PureCell® Model 400 phosphoric acid fuel cell system (“Fuel Cell”) manufactured by Doosan in South Windsor, Connecticut (see Attachment B for Model 400 datasheet). The overall dimensions of the Fuel Cell match exactly the existing fuel cell and are eight feet four inches wide by twenty-seven feet four inches long by nine feet

eleven inches tall. The units are totally enclosed and factory-assembled and tested prior to shipment.

The Fuel Cell is intended for a distributed generation and combined heat and power application. The system for ECSU will be capable of producing a total of 440 kW of continuous, reliable electric power while generating heat that will be used for space heating and cooling. It will operate in parallel with the utility grid and provide a portion of the electrical requirements of the facility. The overall efficiency of the existing system has averaged 56%, including both electric and thermal output. The fuel cell heat will be used to preheat makeup air entering the Science Building at ECSU and also to heat the secondary heating loop in the facility (used for space heating, for reheat-type humidity control and for domestic water heating). As long as natural gas is available, electric power and heat can be generated.

The PureCell<sup>®</sup> Model 400 fuel cell system has been certified to meet the strict ANSI/CSA FC-1 fuel cell safety standard to protect against risks from electrical, mechanical, chemical, and combustion safety hazards. Numerous safety features have been incorporated into the design. A combustible gas sensor and thermal fuses located throughout the power module cabinet detect any over-temperature. The detection of a potential combustible gas mixture, over-temperature, or the failure of this detection circuit will result in a power plant shutdown and a subsequent inert gas (nitrogen) purge of the fuel cell stack and fuel processing system. This event will also result in a system alarm notification to the power plant operator (Doosan)

The power plant is designed with an integral emergency-stop button on the outside of the enclosure to enable immediate shutdown in the event of an emergency. There is also a gas shut-off valve and electrical disconnect switch easily accessible to emergency personnel.

The fuel cell stack is wrapped in a fire retardant blanket. There are no materials inside the unit that would sustain a flame. There is no large volume of gas or any ignition that occurs

within the cell stack. The power plant does not store hydrogen; it consumes hydrogen-rich gas equal to what it requires to produce power.

Phosphoric acid is an integral part of the fuel cell system, acting as the electrolyte within the fuel cell stack. Phosphoric acid is a surprisingly common substance that is contained in common cola drinks. There is no reservoir of liquid; phosphoric acid is contained in the porous structure of the fuel cell stack material by capillary action, similar to how ink is absorbed into a blotter.

The only fluid in the power plant is water. All pressurized water vessels are designed to ASME boiler codes and inspected annually. All piping, welds, etc. meet pressurized piping standards. Water produced through the electrochemical process is “pure” water and is reclaimed and reused by the process. The other source of water is water used in the external cooling module, which is mixed with a polypropylene glycol and a rust inhibitor to prevent rust and freezing in colder climates.

The fuel cell does not produce any hazardous waste during normal operation. Standard Material Safety Data Sheets (MSDS) are available in the product service manual.

### **III. PROJECT BENEFITS**

Fuel cell technology represents an important step in advancing Connecticut’s goal of diversifying its energy supply through the use of renewable energy, as expressed in Connecticut General Statutes Section 16-244 et seq. The Project will serve as a cost-effective clean energy source while also reducing the demand for grid electricity from this location. Further, this fuel cell installation will support the efforts of the State of Connecticut to be a leader in the utilization of fuel cell technology.

Because a fuel cell does not burn fuel, the system will significantly reduce air emissions associated with acid rain and smog, and dramatically reduce those emissions associated with global warming. The application of the Fuel Cell for ECSU is estimated to reduce the facility's annual carbon emissions by over 300 metric tons when compared to the U.S. EPA eGrid emissions factor for non-baseload generation in the New England ISO utility system. The Fuel Cell is designed to operate in total water balance – no make-up water is normally required after start-up and no water discharges to the environment will occur under normal operating circumstances. Furthermore, unlike many traditional power generation systems, fuel cells produce very little sound and typically do not require sound proofing or cause the need for hearing protection.

#### **IV. NO SUBSTANTIAL ADVERSE ENVIRONMENTAL EFFECT**

The proposed installation will have no substantial adverse environmental effect. The installation and operation of the Fuel Cell will meet all air and water quality standards of the Connecticut Department of Environmental Protection (“DEP”).

Section 22a-174-42 of the Regulations of Connecticut State Agencies (RCSA) governing air emissions from new distributed generators exempts fuel cells from air permitting requirements. Notwithstanding this exemption, the Fuel Cell system meets the CT emissions standards for a new distributed generator as shown in Table 1 below, and no permits, registrations or applications are required under rules based on the actual emissions of the fuel cell. Furthermore, the Fuel Cell system is certified by the California Air Resources Board to meet the Distributed Generation Certification Regulation 2007 Fossil Fuel Emissions Standards (see Attachment C).

**Table 1: CT Emissions Standards for a New Distributed Generator**

Air Pollutant	CT Emissions Standard (lbs/MWh)	PureCell Model 400 Fuel Cell System at Rated Power (lbs/MWh)
Oxides of Nitrogen	0.3	.01
Carbon Monoxide	2	.02
Carbon Dioxide	1900	1,049

With respect to water discharges, the Model 400 Fuel Cell is designed to operate without water discharge under normal operating conditions. To the extent that minimal water overflow may occasionally occur, such discharges will consist of de-ionized water and will be directed to a site sanitary drain or dry well. This discharge will be incorporated into the overall site design, and will be covered by the site's water discharge permit, if necessary.

Further, the Fuel Cell installation and operation will have no substantial adverse effect on either listed endangered species or listed Connecticut historical places. Attachment D contains the relevant portion of the CT DEP Windham Natural Diverse Database areas Map. The installation of the PureCell Model 400 fuel cell will be outside of identified locations of endangered species populations.

The Fuel Cell will not emit noise in excess of limitations set forth in CT regulations. The Fuel Cell location is on the west side of the Science Building and is over 100 feet from another ECSU administration/classroom building located on Summit St. Ext. CT regulations require a noise level of no greater than 62dBA from a Class B emitter (Science Building) to a Class B receptor (administration/classroom building). The fuel cell is expected to operate at full power (440 kW), with a noise level in free field of well below 62dBA at 100 feet, at all times. Therefore, the fuel cell is not expected to emit "excessive noise" to the neighboring buildings.

**V. LOCAL INPUT AND STATE FUNDING**

Doosan will complete all necessary permitting before installing the unit at ECSU. This fuel cell installation is supported by the CT State University System.

**VI. CONCLUSION**

As set forth above, Doosan requests that the Council issue a determination, in the form of a declaratory ruling, that the proposed installation above is not one that would have a substantial adverse effect, and, therefore, that a Certificate is not needed.

Respectfully submitted,

By:

A handwritten signature in black ink, appearing to read "Dawn Mahoney". The signature is written in a cursive, flowing style.

Dawn Mahoney, Esq.  
General Counsel  
Doosan Fuel Cell America Inc.



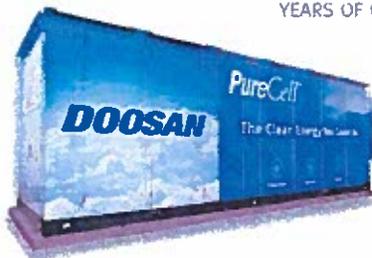
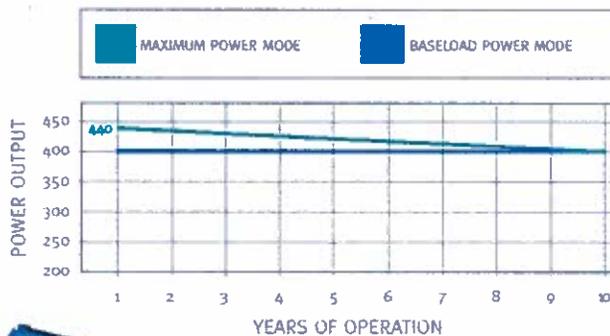


# Doosan Fuel Cell

PURECELL® SYSTEM BENEFITS	PURECELL SYSTEM COMPETITIVE ADVANTAGES
<b>Energy Security</b> proven, continuous generation that is setting durability records	<b>Long Life</b> industry best, power cell stack life assures high availability and low service cost
<b>Energy Productivity</b> increased efficiency that is reducing energy costs	<b>High Efficiency</b> up to 96% overall efficiency
<b>Energy Responsibility</b> clean operation that is driving greener customer facilities	<b>Modular &amp; Scalable</b> systems can be clustered to meet growing energy demands
	<b>Experience</b> most knowledgeable and experienced team in the industry
	<b>Grid-Independence</b> proven performance in providing power when the utility grid fails
	<b>Load-Following</b> can modulate power output to match building needs
	<b>Small Footprint</b> high power density takes less space on site
	<b>Flexible Siting</b> indoor, outdoor, rooftop, multi-unit

## RATED POWER OUTPUT: 440KW, 480VAC/60HZ

Characteristic	Units	Operating Mode	
		Maximum Power <sup>1</sup>	Baseload Power <sup>1</sup>
Electric Power Output	kW/kVA	440/440	400/471
Electrical Efficiency	%, LHV	41%	42%
Peak Overall Efficiency	%, LHV	90%	90%
Gas Consumption	MMBtu/h, HHV (kW)	4.06 (1,190)	3.60 (1,056)
Gas Consumption <sup>2</sup>	SCFH (Nm <sup>3</sup> /h)	3,961 (106.1)	3,515 (94.2)
High Grade Heat Output @ up to 250°F	MMBtu/h (kW)	0.76 (223)	0.64 (188)
Low Grade Heat Output @ up to 140°F	MMBtu/h (kW)	0.99 (290)	0.88 (258)



## FUEL

Supply ..... Natural Gas  
 Inlet Pressure ..... 10 to 14 in. water (2.5 - 3.5 mbar)

## EMISSIONS<sup>3,4</sup>

NOx ..... 0.01 lbs/MWh (0.006 kg/MWh)  
 CO ..... 0.02 lbs/MWh (0.009 kg/MWh)  
 VOC ..... 0.02 lbs/MWh (0.009 kg/MWh)  
 SO<sub>2</sub> ..... Negligible  
 Particulate Matter ..... Negligible  
 CO<sub>2</sub> (electric only) ..... 1,049 lbs/MWh (476 kg/MWh)  
 (with full heat recovery) ..... 495 lbs/MWh (225 kg/MWh)

## OTHER

Ambient Operating Temp. .... -20°F to 104°F (-20°C to 40°C)  
 Sound Level ..... <65 dBA @ 33 ft. (10m)  
 Water Consumption ..... None (up to 85°F (30°C) Ambient Temp.)  
 Water Discharge ..... None (Normal Operating Conditions)

## CODES AND STANDARDS

ANSI/CSA FC1-2012: Stationary Fuel Cell Power Systems  
 UL1741: Inverters for Use With Distributed Energy Resources

## NOTES

1. Average performance during 1st year of operation. Refer to the Product Data and Applications Guide for performance over the operating life of the powerplant.
2. Based on natural gas higher heating value of 1025 Btu/SCF (10.4 MJ/Nm<sup>3</sup>).
3. Emissions based on 400 kW operation.
4. Fuel cells are exempt from air permitting in many U.S. states.
5. Includes CO<sub>2</sub> emissions savings due to reduced on-site boiler gas consumption.



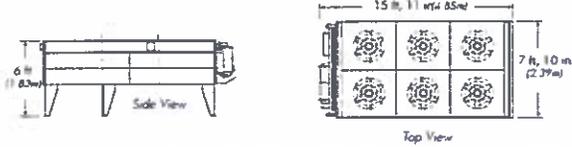
# Doosan Fuel Cell

## SYSTEM DIMENSIONS

### Power Module



### Cooling Module



## SHIPPING DIMENSIONS

	Power Module	Cooling Module
Length	28 ft, 8 in. (8.74m)	15 ft, 11 in. (4.85m)
Width	8 ft, 4 in. (2.54m)	7 ft, 10 in. (2.39m)
Height	9 ft, 11 in. (3.02m)	6 ft (1.83m)
Weight	60,000 lb (27,216 kg)	3,190 lb (1,447 kg)

## MULTI-MEGAWATT CAPABILITY

For multi-megawatt sites, individual power plants can be arranged in multiple orientations. The 12-unit layout defined below represents one option with cooling modules located on the roof of the power plants minimizing the overall footprint of the site.

No. of Units	Baseload Electric Output	High-Grade Heat	Low-Grade Heat	Fuel Consumption	Site Area
	MW	MMBtu/h (kW)	MMBtu/h (kW)	MMBtu/h, HHV (kW)	ft <sup>2</sup> (m <sup>2</sup> )
6	2.4	3.8 (1,128)	5.3 (1,548)	21.6 (6,334)	4,400 (410)
12	4.8	7.7 (2,256)	10.6 (3,096)	43.2 (12,668)	8,900 (830)
24	9.6	15.4 (4,512)	21.1 (6,192)	86.5 (25,337)	17,800 (1,650)
36	14.4	23.1 (6,768)	31.7 (9,288)	129.7 (38,005)	26,700 (2,480)
48	19.2	30.8 (9,024)	42.3 (12,384)	172.9 (50,673)	35,600 (3,310)
60	24	38.5 (11,280)	52.8 (15,480)	216.2 (63,342)	44,500 (4,140)

## NOTES

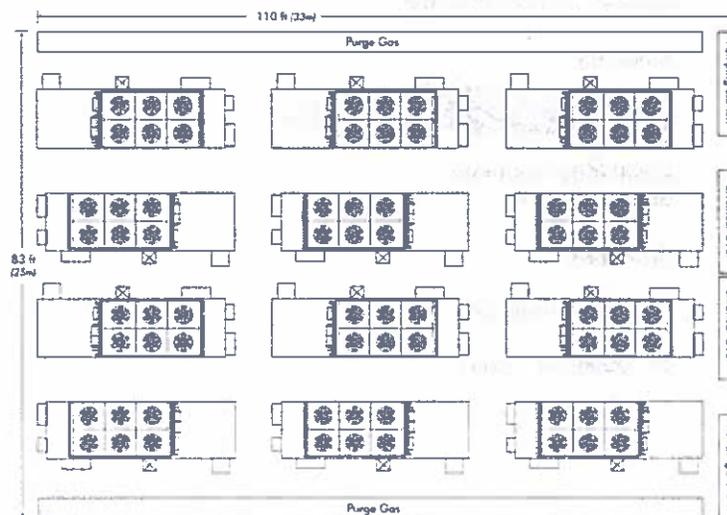
- Space required for electrical gear and pumping stations is representative only.
- Purge gas is required to purge the system of unspent fuel during shutdowns and prior to start-up.

The manufacturer reserves the right to change or modify, without notice, the design or equipment specifications without incurring any obligation either with respect to equipment previously sold or in the process of construction. The manufacturer does not warrant the data on this document. Warranted specifications are documented separately.

Doosan Fuel Cell America, Inc.  
 Corporate Headquarters  
 195 Governor's Highway  
 South Windsor, CT 06074  
 860.727.2253  
 Doosanfuelcell.com

Copyright © 2015 by Doosan Fuel Cell America, Inc. All rights reserved. This document contains no technical information subject to U.S. Export Regulations. 7/2015

### 12-Unit System Layout





Matthew Rodriguez  
Secretary for  
Environmental Protection

## Air Resources Board

Mary D. Nichols, Chairman  
1001 I Street • P.O. Box 2815  
Sacramento, California 95812 • [www.arb.ca.gov](http://www.arb.ca.gov)



Edmund G. Brown Jr.  
Governor

December 26, 2012

Steve Goyette  
UTC Power  
195 Governors Highway  
South Windsor, Connecticut 06074

Dear Mr. Goyette:

We have reviewed the Distributed Generation (DG) Certification application, submitted on September 20, 2012, for the UTC Power 440 kW PureCell® System Model 400 fuel cell and have determined that the fuel cell meets the requirements of article 3, title 17, California Code of Regulations, sections 94200 – 94214 (Air Resources Board's DG Certification Program). We are pleased to provide you with the enclosed Executive Order DG-040 for the Certification of the 440 kW PureCell® System Model 400.

If you have questions about the enclosed Executive Order or the DG Certification Program, please do not hesitate to contact me at (916) 323-1491, or Jonathan Foster of my staff at (916) 327-1512.

Sincerely,

David Mehl, Manager  
Energy Section

Enclosure:

Executive Order DG-040

cc: Jonathan Foster

*The energy challenge facing California is real. Every Californian needs to take immediate action to reduce energy consumption. For a list of simple ways you can reduce demand and cut your energy costs, see our website. <http://www.arb.ca.gov>.*

California Environmental Protection Agency

Printed on Recycled Paper

**State of California  
AIR RESOURCES BOARD**

**Executive Order DG-040**

**Distributed Generation Certification of  
UTC Power Corporation  
440kW PureCell® System Model 400**

WHEREAS, the Air Resources Board (ARB) was given the authority under California Health and Safety Code section 41514.9 to establish a statewide Distributed Generation (DG) Certification Program to certify electrical generation technologies that are exempt from the permit requirements of air pollution control or air quality management districts;

WHEREAS, this DG Certification does not constitute an air pollution permit or eliminate the responsibility of the end user to comply with all federal, state, and local laws, rules and regulations;

WHEREAS, on September 24, 2012, UTC Power Corporation applied for a DG Certification of its 440 kW PureCell® System Model 400 fuel cell and whose application was deemed complete on December 10, 2012;

WHEREAS, UTC Power Corporation has demonstrated, according to test methods specified in California Code of Regulations (CCR), title 17, section 94207, that its natural-gas-fueled 440kW PureCell® System Model 400 fuel cell has complied with the following emission standards:

1. Emissions of oxides of nitrogen no greater than 0.07 pounds per megawatt-hour.
2. Emissions of carbon monoxide no greater than 0.10 pounds per megawatt-hour.
3. Emissions of volatile organic compounds no greater than 0.02 pounds per megawatt-hour.

WHEREAS, UTC Power Corporation has demonstrated that its 440kW PureCell® System Model 400 fuel cell complies with the emissions durability requirements in CCR, title 17, section 94207(d); and

WHEREAS, I find that the applicant, UTC Power Corporation, has met the requirements specified in CCR, title 17, article 3, Distributed Generation Certification Program, and has satisfactorily demonstrated that the 440kW PureCell® System Model 400 fuel cell meets the DG Certification Regulation 2007 Fossil Fuel Emission Standards.

NOW THEREFORE, IT IS HEREBY ORDERED, that a DG Certification, Executive Order DG-040 is granted.

This DG Certification:

- 1) Is subject to all conditions and requirements of CCR, title 17, article 3, Distributed Generation Certification Program, including the provisions relating to inspection, denial, suspension, and revocation.
- 2) Shall be void if any manufacturer's modification results in an increase in emissions or changes the efficiency or operating conditions of a model, such that the model no longer meets the 2007 DG Certification emission standards.
- 3) Shall expire on the 26<sup>th</sup> day of December, 2017.

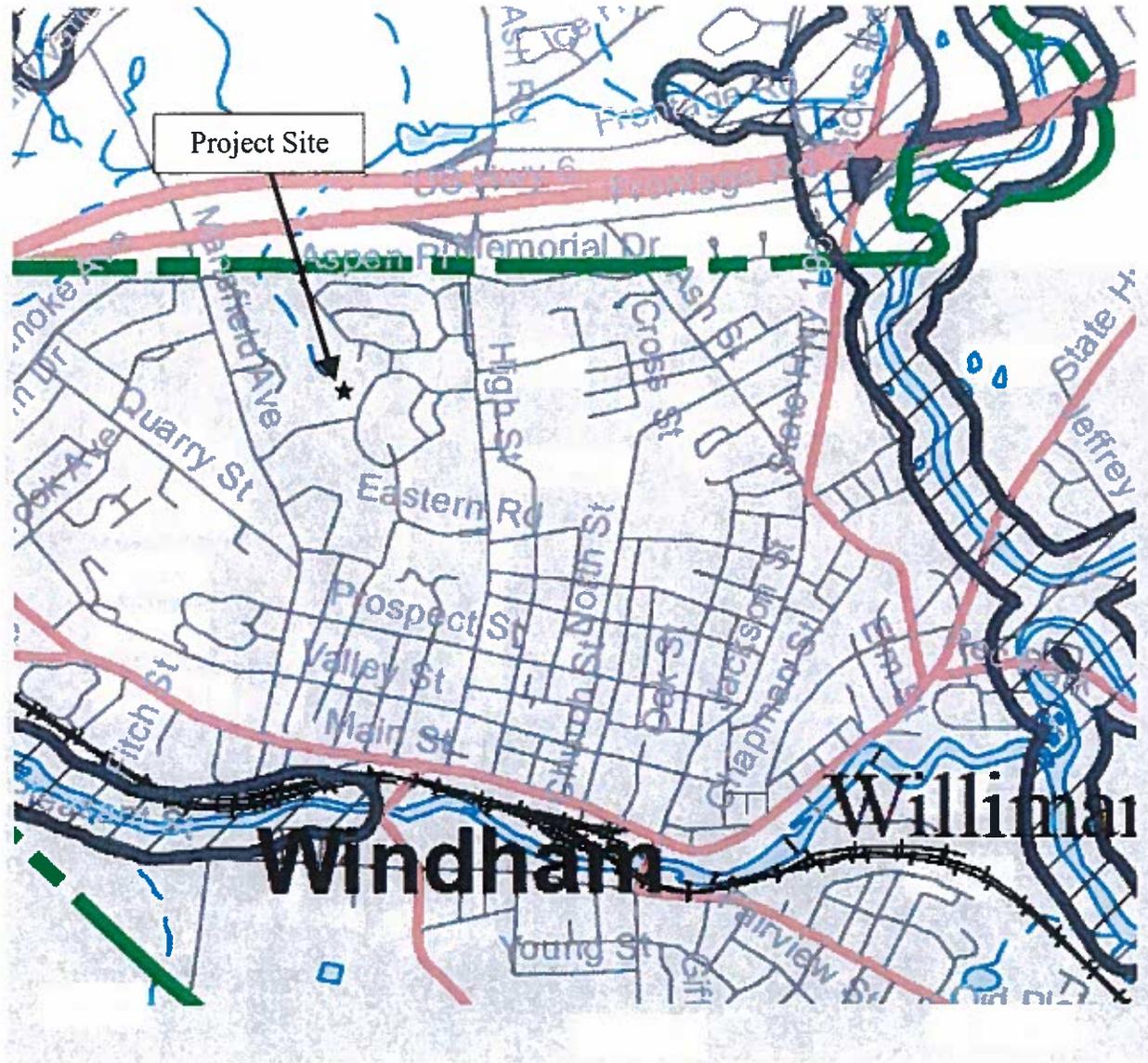
Executed at Sacramento, California, this 26<sup>th</sup> day of December 2012.

James N. Goldstene  
Executive Officer  
by

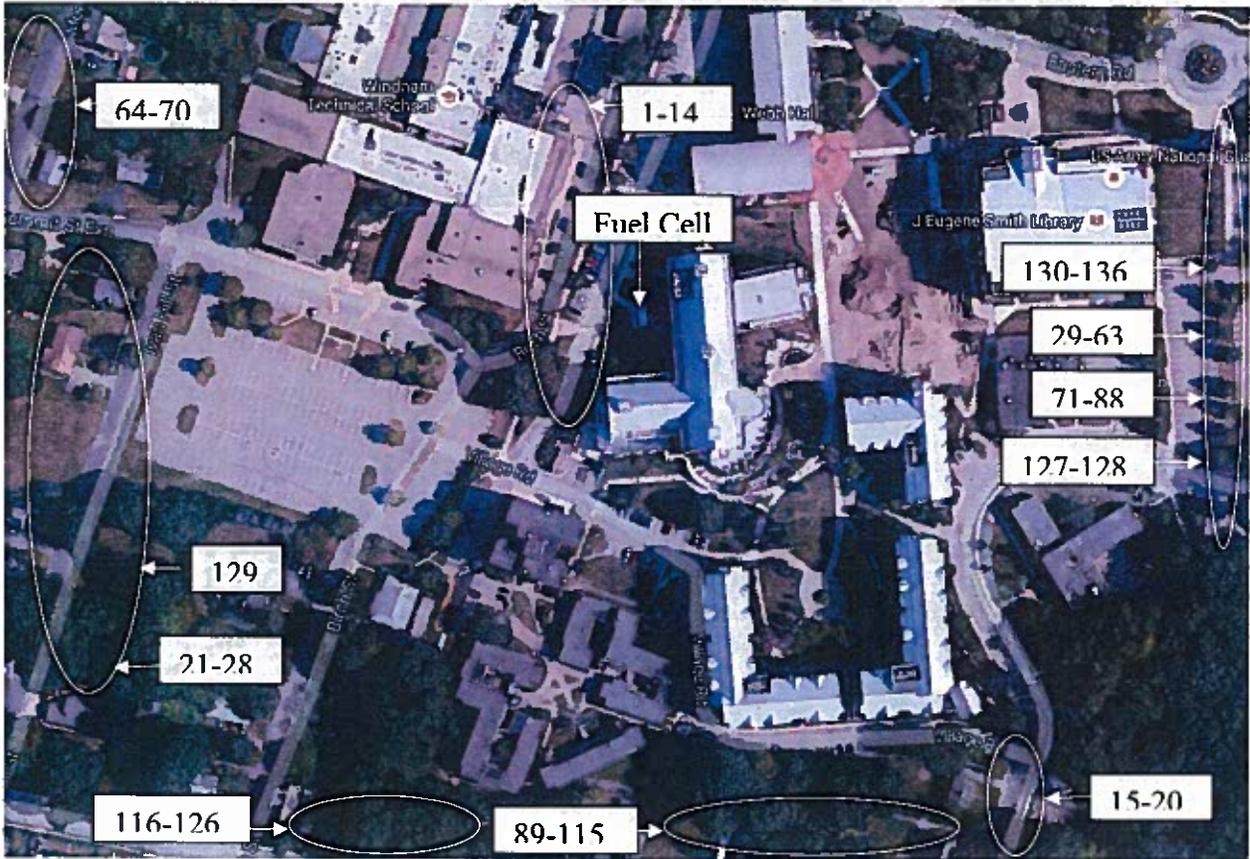


Cynthia Marvin, Chief  
Stationary Source Division

Attachment D: Connecticut DEP Windham Natural Diverse Database areas Map (shaded areas denote known locations of State and Federal listed species).



Attachment E – Windham Abutters A – Location Map  
(please see Windham Abutters B for list of Abutters)



Windham Abutters B – List of Abutters

ID Number	Property Address	Owner Name	Owner Address	Owner State	Owner City	Owner Zip
1	103 BIRCH ST	OLIYNYK IRENE Y	103 BIRCH ST	CT	WILLIMANTIC	06226
2	104 BIRCH ST	ALLEGRO JOSEPH L	88 BIRCH ST	CT	WILLIMANTIC	06266
3	119 BIRCH ST	CAYA JOSEPH L & NORA M	153 PARISH HILL RD	CT	NO WINDHAM	06256
4	122 BIRCH ST	MONROE ALICE B & HAROLD D JR	122 BIRCH ST	CT	WILLIMANTIC	06226
5	123 BIRCH ST	SURETTE MICHAEL & DAZY SHIRLEY	123 BIRCH ST	CT	WILLIMANTIC	06226
6	128 BIRCH ST	HAMILTON NELSON	101 BUSH HILL RD	CT	LEBANON	06249
7	169 BIRCH ST	WILLIMANTIC RENTALS LLC	PO BOX 848	CT	WILLIMANTIC	06226
8	175 BIRCH ST	WILLIMANTIC RENTALS LLC	PO BOX 848	CT	WILLIMANTIC	06226
9	180 BIRCH ST	NETWORK INC	180 BIRCH ST	CT	WILLIMANTIC	06226
11	185 BIRCH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06160
12	190 BIRCH ST	CONNECTICUT STATE OF	210 BIRCH ST	CT	WILLIMANTIC	06226
13	210 BIRCH ST	CONNECTICUT STATE OF	210 BIRCH ST	CT	WILLIMANTIC	06226
14	205 BIRCH ST	CONNECTICUT STATE OF	210 BIRCH ST	CT	WILLIMANTIC	06226
15	114 WINDHAM ST	PRESSON BARBARA D	273 PAINE RD	CT	POMFRET CTR	06259
16	122 WINDHAM ST	SMITH JEFFREY H	PO BOX 544	CT	MANSFIELD CTR	06250
17	128 WINDHAM ST	WELINTUKONIS MARK S	128 WINDHAM ST	CT	WILLIMANTIC	06226
18	156 WINDHAM ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
19	157 WINDHAM ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
20	160 WINDHAM ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
21	119 IVANHILL ST	CARABALLO SOPHIA R & PEDRO G &	119 IVANHILL ST	CT	WILLIMANTIC	06226
22	121 IVANHILL ST	COLUMBIA INVESTMENT PROPERTIES LLC	68 SZAGA RD	CT	COLUMBIA	06237
23	191 IVANHILL ST	GALLUP LORRAINE	465 PROSPECT ST	CT	WILLIMANTIC	06226
24	199 IVANHILL ST	HABITAT FOR HUMANITY OF THE	PO BOX 214	CT	WILLIMANTIC	06226
25	200 IVANHILL ST	LEBEAU FAMILY TRUST THE &	1 BEECH MT RD	CT	MANSFIELD	06250
26	204 IVANHILL ST	SHEPARD CHRISTOPHER B & ANDREE M	204 IVANHILL ST	CT	WILLIMANTIC	06226
27	205 IVANHILL	HABITAT FOR	PO BOX 214	CT	WILLIMANTIC	06226

	ST	HUMANITY OF THE				
28	248 IVANHILL ST	INZINGA SALVATORE & MARILYN A	248 IVANHILL ST	CT	WILLIMANTIC	06226
29	145 HIGH ST	VANWINKLE NANCY	8 TAYLOR RIDGE RD	CT	CLINTON	06413
30	149 HIGH ST	EVES JAMIE H & KATHERINE L S	149 HIGH ST	CT	WILLIMANTIC	06226
31	161 HIGH ST	TORRES NESTOR ENRIQUE &	PO BOX 630	NY	OGDENSBURG	13669
32	162 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
33	164 HIGH ST	WYETH LAURA R TRUSTEE	164 HIGH ST	CT	WILLIMANTIC	06226
34	165 HIGH ST	TORRES NESTOR ENRIQUE	PO BOX 630	NY	OGDENSBURG	13669
35	170 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
36	171 HIGH ST	TEDESCHI SCOTT & DOROTHY & SHONTEL	15 ALLAN DR	CT	VERNON	06066
37	176 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
38	182 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106-
39	185 HIGH ST	BASSETT DOUGLAS M	185 HIGH ST	CT	WILLIMANTIC	06226
40	190 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
41	191 HIGH ST	PONCE PROPERTIES LLC	126 BURBANK RD	CT	ELLINGTON	06029
42	192 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
43	195 HIGH ST	HATTAN HOME IMPROVEMENT RENTALS LLC	18 FARMSTEAD LA	CT	COVENTRY	06238
44	200 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
45	204 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
46	215 HIGH ST	OHARE WILLIAM EDWARD II	215 HIGH ST	CT	WILLIMANTIC	06226
47	222 HIGH ST	CONNECTICUT STATE OF	165 CAPITAL AVE	CT	HARTFORD	06106
48	223 HIGH ST	ARAMINI RAYMOND J	274 ROUTE 87	CT	COLUMBIA	06237
49	224 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
50	226 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
51	235 HIGH ST	MEJIA ALICIA	235 HIGH ST	CT	WILLIMANTIC	06226
52	240 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106

53	244 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
54	258 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
55	264 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
56	255 HIGH ST	ROZELLE F CHASE III & SUSAN W	255 HIGH ST	CT	WILLIMANTIC	06226
57	267 HIGH ST	BOWEN GENE E & FRANCA	267 HIGH ST	CT	WILLIMANTIC	06226
58	268 HIGH ST	FIRST SOCIETY OF SPIRITUALISTS	268 HIGH ST	CT	WILLIMANTIC	06226
59	275 HIGH ST	MORRIS LEO E JR	275 HIGH ST	CT	WILLIMANTIC	06226
60	288 HIGH ST	CONNECTICUT STATE OF	165 CAPITOL AVE ROOM 577	CT	HARTFORD	06106
61	304 HIGH ST	CONNECTICUT STATE OF	BLDGS ON LOTS 48AX1; 48AX2; 48AX3;	CT	WILLIMANTIC	06226
62	HIGH ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
63	HIGH ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
64	15 MONTICELLO ST	JONES LAURA	15 MONTICELLO ST	CT	WILLIMANTIC	06226
65	17 MONTICELLO ST	KRATT CHARLES H	132 ROUTE 66	CT	COLUMBIA	06237
66	21 MONTICELLO ST	HILTZ MARY & WAYNE	21 MONTICELLO ST	CT	WILLIMANTIC	06226
67	25 MONTICELLO ST	BAKER WILLIAM C & SUSAN E	25 MONTICELLO ST	CT	WILLIMANTIC	06226
68	27 MONTICELLO ST	TERRY LYNN H	27 MONTICELLO ST	CT	WILLIMANTIC	06226
69	27R MONTICELLO ST	WINDHAM TOWN OF	979 MAIN ST	CT	WILLIMANTIC	06226
70	29 MONTICELLO ST	CONNECTICUT STATE OF WINDHAM T	210 BIRCH ST	CT	WILLIMANTIC	06226
71	265 LEWISTON AVE	DUCHESNE KATHLEEN	265 LEWISTON AVE	CT	WILLIMANTIC	06226
72	271 LEWISTON AVE	KAY BRUCE A & SUSAN N	271 LEWISTON AVE	CT	WILLIMANTIC	06226
73	274 LEWISTON AVE	HADDAD MUNERE & KAREN	274 LEWISTON AVE	CT	WILLIMANTIC	06226
74	280 LEWISTON AVE	SHEA FRANCIS N & NANCY B	280 LEWISTON AVE	CT	WILLIMANTIC	06226
75	283 LEWISTON AVE	BRIGHT WILLIAM G JR & JENNIFER N	31 DILAJ DR	CT	COLUMBIA	06237

76	284 LEWISTON AVE	CMG PROPERTIES LLC	284 LEWISTON AVE	CT	WILLIMANTIC	06226
77	290 LEWISTON AVE	ANDERBERG ANN	290 LEWISTON AVE	CT	WILLIMANTIC	06226
78	266 SUMMIT ST	KELLEY VINCENT P JR & ALMA L	266 SUMMIT ST	CT	WILLIMANTIC	06226
79	268 SUMMIT ST	ROMNEY-SCHAAB MARY L &	268 SUMMIT ST	CT	WILLIMANTIC	06226
80	269 SUMMIT ST	SANTA LUCIA JOSEPH & ALGI	269 SUMMIT ST	CT	WILLIMANTIC	06226
81	270 SUMMIT ST	BANK OF AMERICA NA	7105 CORPORATE DR	TX	PLANO	75024
82	275 SUMMIT ST	SHIRES BENJAMIN O & CATHERINE L	275 SUMMIT ST	CT	WILLIMANTIC	06226
83	286 SUMMIT ST	BROWN WALLACE & TERRI	595 MAPLETON AVE	CT	SUFFIELD	06078
84	287 SUMMIT ST	GREEN RICHARD B & NANCY L	39 FOX HILL RD	CT	ROCKY HILL	06067
85	290 SUMMIT ST	ATENCIO-BREITKOPF DEBIE J	290 SUMMIT ST	CT	WILLIMANTIC	06226
86	30 SUMMIT ST EXT	CONNECTICUT STATE OF	210 BIRCH ST	CT	WILLIMANTIC	06226
87	516 SUMMIT ST EXT	RAWSON-AHERN KAI M	280 PLEASANT ST	CT	WILLIMANTIC	06226
88	533 SUMMIT ST EXT	LUOND ROBERT F	533 SUMMIT ST EXT	CT	WILLIMANTIC	06226
89	275 PROSPECT ST	ROY GREGORY S & NATALIE J	275 PROSPECT ST	CT	WILLIMANTIC	06226
90	283 PROSPECT ST	PERKINS HERBERT H & ETALS	PO BOX 162	CT	MANSFIELD	06250
91	289 PROSPECT ST	DOLAN RYAN J	289 PROSPECT ST	CT	WILLIMANTIC	06226
92	291 PROSPECT ST	CONNECTICUT STATE OF	165 CAPITAL AVE	CT	HARTFORD	06106
93	305 PROSPECT ST	LACEY JAMES F & BARBARA E	305 PROSPECT ST	CT	WILLIMANTIC	06226
94	315 PROSPECT ST	A & C RENTAL PROPERTIES LLC	65 MONTICELLO LA	CT	STORRS	06268
95	321 PROSPECT ST	MORRIS LEO	321 PROSPECT ST	CT	WILLIMANTIC	06226
96	322 PROSPECT ST	WINDHAM TOWN OF	979 MAIN ST	CT	WILLIMANTIC	06226
97	325 PROSPECT ST	MAHONEY ROBERT Q	29 CHERRY ST	CT	NIANTIC	06357
98	333 PROSPECT ST	CONNECTICUT STATE OF	165 CAPITOL AVE	CT	HARTFORD	06106
99	347 PROSPECT ST	FLEGERT RAY M	220 MOUNTAIN ST	CT	WILLIMANTIC	06226
100	357 PROSPECT ST	BLACKBURN KAREN C & SAMUEL S III	357 PROSPECT ST	CT	WILLIMANTIC	06226
101	367 PROSPECT ST	BLACKBURN SAMUEL S III	357 PROSPECT ST	CT	WILLIMANTIC	06226

102	368 PROSPECT ST	SMITH JEFFREY H	PO BOX 544	CT	MANSFIELD CTR	06250
103	371 PROSPECT ST	LEMIRE KENNETH C JR & NANCY E	371 PROSPECT ST	CT	WILLIMANTIC	06226
104	372 PROSPECT ST	MORAN JOHN D & KRASSAS NICOLE	372 PROSPECT ST	CT	WILLIMANTIC	06226
105	384 PROSPECT ST	ROBINSON WILLIAM E & GAIL B	384 PROSPECT ST	CT	WILLIMANTIC	06226
106	393 PROSPECT ST	CONNECTICUT STATE OF	83 WINDHAM ST	CT	WILLIMANTIC	06226
107	396 PROSPECT ST	CARBONE CATERINA	404 PROSPECT ST	CT	WILLIMANTIC	06226
108	400 PROSPECT ST	CARBONE CATERINA	404 PROSPECT ST	CT	WILLIMANTIC	06226
109	402 PROSPECT ST	CARBONE CATERINA	404 PROSPECT ST	CT	WILLIMANTIC	06226
110	417 PROSPECT ST	WILLIMANTIC RENTALS LLC	PO BOX 848	CT	WILLIMANTIC	06226
111	437 PROSPECT ST	MARCH INC	222 MCKEE ST	CT	MANCHESTER	06040
112	450 PROSPECT ST	GAMACHE ALICE T	450 PROSPECT ST	CT	WILLIMANTIC	06226
113	460 PROSPECT ST	SPRAGG HOWARD C JR	460 PROSPECT ST	CT	WILLIMANTIC	06226
114	465 PROSPECT ST	GALLUP LORRAINE	465 PROSPECT ST	CT	WILLIMANTIC	06226
115	466 PROSPECT ST	SLOWIK WILFRED M & JOAN E	110 NE 40TH ST	NC	OAK ISLAND	28465
116	84 WATSON ST	WINDHAM TOWN OF	979 MAIN ST	CT	WILLIMANTIC	06226
117	87 WATSON ST	WHITE CAROL C	94 TINGLEY ST	CT	WILLIMANTIC	06226
118	88 WATSON ST	WINDHAM TOWN OF	979 MAIN ST	CT	WILLIMANTIC	06226
119	91 WATSON ST	WHITE CAROL C	94 TINGLEY ST	CT	WILLIMANTIC	06226
120	92 WATSON ST	WINDHAM TOWN OF	979 MAIN ST	CT	WILLIMANTIC	06226
121	95 WATSON ST	CARBONE CATERINA	404 PROSPECT ST	CT	WILLIMANTIC	06226
122	92 TINGLEY ST	BURDICK SCOTT W & EMILY K	92 TINGLEY ST	CT	WILLIMANTIC	06226
123	94 TINGLEY ST	WHITE CAROL C	94 TINGLEY ST	CT	WILLIMANTIC	06226
124	95 TINGLEY ST	CURRY PATRICIA M	106 WINDHAM ST	CT	WILLIMANTIC	06226
125	97 TINGLEY ST	PRESSON BARBARA D	273 PAINE RD	CT	POMFRET CTR	06259
126	98 TINGLEY ST	CARBONE CATERINA	404 PROSPECT ST	CT	WILLIMANTIC	06226
127	180 WALNUT ST	ABAYASINGHE IRESH &	586 NO HUOSAC RD	MA	WILLIAMSTOWN	01267
128	238 WALNUT ST	BROWN WALLACE & TERRI	595 MAPLETON AVE	CT	SUFFIELD	06078
129	169	FISH PETER A	165 SUMMIT ST	CT	WILLIMANTIC	06226

	MANSFIELD AVE					
130	2 WASHBURN ST	A & C RENTAL PROPERTIES LLC	65 MONTICELLO LA	CT	MANSFIELD	06268
131	6 WASHBURN ST	WOHL JAMES S & WELCH JANET A	6 WASHBURN ST	CT	WILLIMANTIC	06226
132	7 WASHBURN ST	HUCKINS PETER	16 WASHBURN ST	CT	WILLIMANTIC	06226
133	10 WASHBURN ST	PEREZ LUIS E & ESPITIA MARIA E	10 WASHBURN ST	CT	WILLIMANTIC	06226
134	9 RAYNES CT	RIVERA ROBERT	PO BOX 541	CT	NORWICH	06360
135	17 RAYNES CT	GRAHAM KEVIN W SR	17 RAYNES CT	CT	WILLIMANTIC	06226
136	20 RAYNES CT	TORRES NESTOR ENRIQUE	PO BOX 630	NY	OGDENSBURG	13669

**Attachment F – State Officials Notification List**

<b>AGENCY</b>	<b>NAME/ADDRESS</b>
Mayor/First Selectman of Thomaston, CT	<b>Edmond V Mone</b> 158 Main Street Thomaston, CT 06787
Planning and Zoning	<b>Jeremy Leifert</b> Zoning Enforcement Officer 158 Main Street Thomaston, CT 06787
Building Department Head	<b>Roger Natusch</b> Building Official 158 main Street Thomaston, CT 06787
State Senator	<b>Henri Martin</b> Senate District 31 7 Ipswich Road Bristol, CT 06010-7168
State House	<b>John Piscopo</b> House district 76 50 Judson St Thomaston, CT 06787-1527
United State Congressman	<b>Elizabeth Esty</b> 1 Grove Street Suite 600 New Britain, CT 06053
United State Senator	<b>Christopher S. Murphy</b> One Constitution Plaza, 7th Floor Hartford, CT 06103
United State Senator	<b>Richard Blumenthal</b> 90 State House Square Hartford, CT 06103
State Department of Energy and Environmental Protection	<b>Robert Klee, Commissioner</b> 79 Elm Street Hartford, CT 06106
State Department of Public Health	<b>Dr. Jewel Mullen Commissioner</b> 410 Capitol Avenue Hartford, CT 06134
State Council on Environmental Quality	<b>Susan Merrow, Chair</b> 79 Elm Street Hartford, CT 06106
State Department of Agriculture	<b>Steven K. Reviczky Commissioner</b> 165 Capitol Avenue Hartford, CT 06106
Office of Policy and Management	<b>Benjamin Barnes, Secretary</b> 450 Capitol Avenue Hartford, CT 06106-1379
State Department of Economic and Community Development	<b>Catherine Smith, Commissioner</b> 505 Hudson Street Hartford, CT 06106-7106
Naugatuck Valley Council of Governments	<b>Rick Dunne-Excecutive Director</b> Naugatuck Valley Council of Governments 49 Leavenworth Street, 3rd Floor, Waterbury, CT 06702
Attorney General	<b>George Jepsen, Attorney General</b> Office of the Attorney General 55 Elm Street Hartford, CT 06106
Public Utilities Regularity Authority	<b>Arthur House, Chairman</b> Public Utilities Regularity Authority Ten Franklin Square, New Britain, CT 06051
Department of Transportation	<b>James P. Redeker, Commissioner</b> Department of Transportation 2800 Berlin Turnpike, Newington, CT 06111

