



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

December 14, 2016

Responses to PE 1270-(12/7/16 Notice) Interrogatories

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.

Please see the attached responses to the interrogatories with exhibits to the questions posed by the Connecticut Siting Council on 12/7/16 for PE 1270.

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 blue ink, reading "Dawn Mahoney", with a large, stylized flourish at the end.

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

VIA ELECTRONIC MAIL

December 7, 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 December 14, 2016. 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 Two

33. In Doosan Fuel Cell America, Inc.'s (Doosan) response to Council interrogatory number one, Doosan provided the certified mail receipts for state and local officials only. Provide the certified mail receipts for the abutting property owners.

R33. Doosan certified notice was provided via US First Class Mail to all property owners and abutters on November 1, 2016 as required by RCSA §16-50j-40. Doosan did not receive any returned mail on any of these notices. In an abundance of caution, Doosan sent notice again via Certified Mail, Return Receipt Requested to all abutters on December 14, 2016. Please find the updated abutters mail receipts in attachment Fairfield-7 Abutters Mail Receipts.

34. In Doosan's response to Council interrogatory number nine, a detailed site plan is not attached. Provide a detailed site plan 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.

R34. Please find attached Fairfield-8 Detailed Site Plan.

35. In Doosan's response to question 11, Doosan indicates that the proposed project would be located in the 100-year flood zone. What sort of flood mitigation measures is Doosan considering in consultation with the Fairfield Wastewater Treatment Facility?

R35. Doosan Engineering & Design team will collaborate with Fairfield Wastewater Treatment plant flood mitigation team to assure the safety of the unit.

36. In the response to question 12, Doosan indicated that the subject property is designated as an industrial zone. However, the Town of Fairfield Zoning Districts Map dated July 26, 2013 indicates that the water treatment facility property is located within the Flood Plain District. Please clarify the correct zoning for the subject property.

R36. Please see attached Fairfield-9 Zoning Map. The facility is in fact located in the Flood Plain District.

37. In response to question 14, Doosan indicated that the closest wetland is 400 yards from the proposed site. Provide the direction (e.g. N, S, E, or W) from the proposed facility to the nearest wetland.

R37. The nearest wetland is 500 yards West from the proposed site.

38. Referencing Doosan's response to question 25, rather than referring to a specifications sheet, provide a 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.

R38. Please find attached a report indicating the methodology used to compute noise levels at various frequencies and distances from the PureCell model being installed at the proposed facility in attachment Fairfield-10. The proposed facility is located in a Class C land zone. Based on the aforementioned noise study the project will be in compliance with DEEP noise standards for all land use zones A, B & C. In addition, Doosan will perform site specific noise studies at host property boundaries to confirm compliance.

39. Referencing Doosan's response to question 28, Doosan notes that the CO₂ emissions rate would be 1,050 lbs/MWh. This appears to conflict with the specifications sheet for the Model 400 Fuel Cell, which indicates an emissions rate of 998 lbs/MWh for CO₂ for "electric only," 815 lbs/MWh with "high-grade heat recovery," and 485 lbs/MWh for "full heat recovery." Since the use of waste heat is proposed as noted in the response to question 10, would the correct emissions rate for the proposed project be 485 lbs/MWh or 815 lbs/MWh?

R39. Our datasheet reflects two modes of operation: Power (460kW) and Eco (440kW). This project is deploying the fuel cells at 460kW. The CO₂ emissions cited on the datasheet has a note that the 998 lbs/MWh corresponds to the 440kW Eco mode of operation. The proposed project will be 815 lbs/MWh for CO₂ emissions.

40. When the zinc-sulfide storage vessel is returned to the manufacturing facility after the fuel cell overhaul, would such vessel meet any applicable U.S. Department of Transportation standards for transportation?

R40. The ILS container is not a U.S. Department of Transportation specified container. The storage vessel is manufactured at a higher level than the U.S. Department of Transportation standards. Please find

attachment Fairfield-11 Special Permit which highlights the authorization of transportation of our PureCell powerplant.

Attachments

Fairfield-7
Abutters Mail Receipts

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- ☐ Certified
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2.	CHRISTEN KEVIN & BROOKE (SV) 726 REEF ROAD FAIRFIELD, CT 06824-6540											
3.	TUDOR FLORIAN & DOBRITA 703 REEF ROAD FAIRFIELD, CT 06824-6552											
4.	KRAUS STEVEN D 673 REEF ROAD FAIRFIELD, CT 06824-6548											
5.	COLLINS JEFFREY M & PATRICIA (SV) 757 REEF ROAD FAIRFIELD, CT 06824-6547											
6.	GOODBODY MARY C 770 REEF ROAD FAIRFIELD, CT 06824-6540											
7.	KARSTENSEN DONALD J 7990 DIAMOND CIRCLE ST CLOUD, FL 34771-9039											
8.	GRAUER ALBERT F JR & DONALD F 268 ROWLAND ROAD FAIRFIELD, CT 06824-6625											



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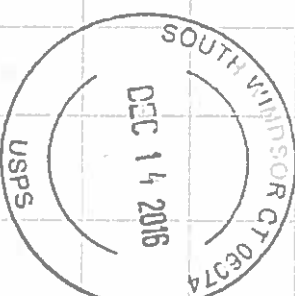
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3.	FABUSS NANO & LESLIE J (SV) 181 ELDERFIELDS ROAD MANHASSETT, NY 11030-1648											
4.	CASOLA TERESA 12 HAGEMAN COURT KATONAH, NY 10536-3338											
5.	VALKO JEFFREY P 610 FELD BEACH RD FAIRFIELD, CT 06824											
6.	RUSSO RICHARD & DONNA (SV) 1555 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6564											
7.	LANE SUSAN B & KANES YOLANDA TR 1525 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6564											
8.	HERITAGE HOUSE C/O SUSAN L 1525 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6564											



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1.

2103 MAIN STREET LLC
PO BOX 110384
TRUMBULL, CT 06611-0384

2.

HEILMANN PER F & LYDIA KIRSTEN (SV)
825 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6512

3.

OLIGINO TODD D & DONAMARIE (SV)
127 BARBERRY ROAD
SOUTHPORT, CT 06890-1057

4.

KRAMER JUDITH
873 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6512

5.

KUCEL JOANNE L & JCK PROPERTIES LLC
39 PURITAN ROAD
TRUMBULL, CT 06611-4972

6.

TAYLOR CHARLES R
656 FAIRFIELD BACK ROAD
FAIRFIELD, CT 06824-6514

7.

PAPAGEORGE JENNIE
550 REEF ROAD
FAIRFIELD, CT 06824-6542

8.

FORTIN DENIS & VIRGINIA C (SV)
26 BROOKSIDE DRIVE
EASTON, CT 06612

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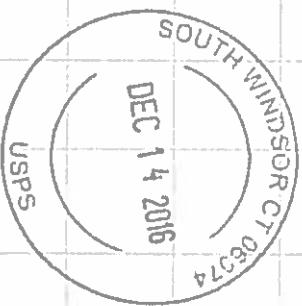
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2.	JOHNSON ELOISE RAY A/K/A ELOISE R C/O JA 850 MAIN STREET BRIDGEPORT, CT 06604-4917											
3.	JP MORGAN CHASE BANK CO- TRUSTEE & PLACE P O BOX 810490 DALLAS, TX 75381-0490											
4.	RUSSO KATHLEEN B 1475 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6520											
5.	HAGGERY MALAN 448 REEF ROAD FAIRFIELD, CT 06824-6544											
6.	REGA GLEN P & BARBARA A (SV) 263 PUTTING GREEN ROAD TRUMBULL, CT 06611-2504											
7.	LARRACUENTE DOLORES & CARLA 483 REEF ROAD FAIRFIELD, CT 06824-6549											
8.	WALKER S. ADAM & MARISA A (SV) 16 TAUNTON ROAD FAIRFIELD, CT 06824-3821											
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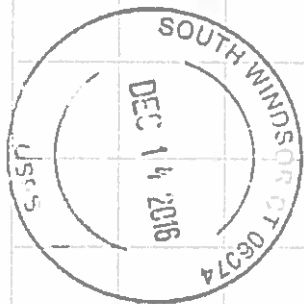
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2.	CLT REEF ROAD LLC C/O JIM GARDINER 115 NUTMEG LANE FAIRFIELD, CT 06824-3909											
3.	HAUSER GISELLE M & ROBERT J 1070 REEF ROAD FAIRFIELD, CT 06824-6574											
4.	STRACHAN KATHRYN NORA 1062 REEF ROAD FAIRFIELD, CT 06824-6539											
5.	1063 REEF ROAD LLC 173 EAGLE VIEW ROAD SOUTHBURY, CT 06448-4692											
6.	1004 REEF ROAD LLC 25 PENFIELD PLACE FAIRFIELD, CT 06824-6735											
7.	SCOTT BRIAN C/O ATTORNEY JOSEPH AU 2505 MAIN ST STE 226 STRATFORD, CT 06615-5839											
8.	KOWALSKY JOSEPH P JR 1040 REEF ROAD FAIRFIELD, CT 06824-6574											

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3.	PECHAKIA KATHLEEN E/EST 623 REEF ROAD FAIRFIELD, CT 06824-6548											
4.	FAIRFIELD, TOWN OF 725 OLD POST ROAD FAIRFIELD, CT 06824											
5.	FOX PROPERTIES, LLC 4666 MAIN STREET BRIDGEPORT, CT 06606-1839											
6.	CONLISK MARY E 931 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
7.	CHUSANO CHARLES F 495 JOAN DRIVE FAIRFIELD, CT 06824-2208											
8.	TRICARICO JOHN M & COLLEEN (SV) 55 WOODEND DRIVE EASTON, CT 06612-1133											
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2.	BEVANS M. LUCY/EST C/O ELAINE J & ROBE 561 REEF ROAD FAIRFIELD, CT 06824-6580											
3.	PARAGEORGE ELIAS & ALEXANDRA (SV) 196 QUEENS GRANT ROAD FAIRFIELD, CT 06824-1931											
4.	CALLOWAY MICHAEL H 510 REEF ROAD FAIRFIELD, CT 06824-6543											
5.	GANNIM GEORGE W SR & GEORGE W JR 4666 MAIN ST BRIDGEPORT, CT 06606-1839											
6.	MARSILLO PHILIP FAMILY LIMITED PARTNERSH 2031 BLACK ROCK TURNPIKE FAIRFIELD, CT 06825-3550											
7.	KARDAMIS PAUL 134 VERES STREET FAIRFIELD, CT 06824-6987											
8.	THORE STREET ASSOCIATES LLC 162 GROVERS AVENUE BRIDGEPORT, CT 06605-3453											



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2.	BACHRACH ANDREA E 193 LONGDEAN ROAD FAIRFIELD CT 06824-6533											
3.	SKOG RITA E TRUSTEE 181 LONGDEAN ROAD FAIRFIELD, CT 06824-6533											
4.	PERCE ANN A 162 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
5.	BURR LAURA 145 LONGDEAN RD, FAIRFIELD CT 06824-6553											
6.	ULATOWSKI SHIRLEY A 121 LONGDEAN ROAD FAIRFIELD CT 06824-6533											
7.	HERLET SHANE C 105 LONGDEAN RD FAIRFIELD CT 06824-6533											
8.	KOZIK MICHAEL & KATHRYN 80 LONGDEAN RD FAIRFIELD CT 06824-6551											



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2.	LAMPUGNALE J. C/O BBMG BERNSTEIN BUSIN 20700 VENTURA BLVD - STE 328 WOODLAND HILL, CA 91364-6282											
3.	ZALUCKI ROBERT & KRISTI A (SV) 1073 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6561											
4.	CAPASSO P. J & DE VICO JENNIFER FR 917 PEACE STREET PELHAM MANOR, NY 10803-3134											
5.	KOCHUBA BRENT T & JEANNINE (SV) 1084 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
6.	HENRY RONALD J JR & NANCY H (SV) 1165 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6514											
7.	ROSENBLOOM DEBBIE BEAR 1034 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
8.	NEARY FAMILY PARTNERSHIP 1177 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-4026											



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2.	BROWN DALY MICHELLE 45 LONGDEAN RD FAIRFIELD CT 06624-6532											
3.	POOLE CLARICE KAY & JESSE L JR (SV) 234 LONGDEAN ROAD FAIRFIELD, CT 06824-6533											
4.	SEROWIK WILLIAM F & DEBRA 200 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
5.	GEARY HARRY M JR & SARAH F 190 LONGDEAN RD, FAIRFIELD CT 06824-6551											
6.	VAN DEUSEN HOBART R 170 LONGDEAN ROAD FAIRFIELD CT 06824-6533											
7.	VAN D RODNEY J JR & LYNN M (SV) 157 LONGDEAN RD FAIRFIELD CT 06824-6533											
8.	SIEVER RYAN & CLAUDIA (SV) 136 LONGDEAN RD FAIRFIELD CT 06824-6551											

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2.	BARKER KYLE 1081 REEF ROAD FAIRFIELD, CT 06824-6546											
3.	REINHART SUSAN Y 1078 REEF ROAD FAIRFIELD, CT 06824-6539											
4.	FLANAGAN ALICE & MARY (SV) 77 RUANE STREET FAIRFIELD, CT 06824-5864											
5.	WOLF AUSTIN K & ELLEN 1495 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824											
6.	PITMAN W. M & IGER K. SUSAN 981 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6560											
7.	PAPIMI M. EDWARD A/K/A MARC E PAPIMI 1638 NORTH BENSON ROAD FAIRFIELD, CT 06824-3947											
8.	LUCKY FOUR REALTY, LLC 373 HUMPHREY STREET NEW HAVEN, CT 06511-3934											



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Fee

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Article Number	Address (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value if Registered	Insured Value	Due Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee
1.	SARGENT K SPENCER & GERALD T JR 1484 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6519											
2.	SARGENT GREGORY OLIVER 1609 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6522											
3.	HOWLAND S. WILDER III & MARY JEAN 90 MARGARET AVENUE TUCKAHOE, NY 10707-1658											
4.	AUDUBON SOCIETY OF CONNECTICUT INC 2375 BURR ST FAIRFIELD, CT 06824											
5.	CUMMINGS DINA 600 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6734											
6.	STRITTMATTER W. D & BONNIE M TRS 1548 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6564											
7.	LEWIS NANCY V & JONATHAN J TRUSTEES 1522 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6519											
8.	CARLEY THOMAS J & MARGARET M (SV) 2520 SW 28 TH DRIVE PORTLAND, OR 97219-7597											

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1.	MAN WILLIAM 50 FOREST AVENUE FAIRFIELD CT 06824-6531										
2.	CRICKERBROOK DEVELOPMENT LLC 320 RIVER VALLEY ROAD FAIRFIELD CT 06614-8814										
3.	SWEENEY ANNE C 94 LONGDEAN ROAD FAIRFIELD, CT 06824-6551										
4.	PRIOR DEBRA ANN 1/5 & ET AL 123 FOREST AVENUE FAIRFIELD CT 06824-6573										
5.	SPIGAROLO E.R. & DONNA R (SV) 6 STILLWELL AVENUE NORFOLK, MA 02056										
6.	THE INN AT FAIRFIELD BEAC LLC 1160 REEF ROAD FAIRFIELD CT 06824-6575										
7.	BIORN LENORE & ROY 240 FULLING MILL LANE FAIRFIELD CT 06824-2836										
8.	FOLEY MATTHEW K & JAIME (SV) 91 LONGDEAN RD FAIRFIELD CT 06824-6533										



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86 REEF RD

AIRFIELD, CT 06824-6543

PANTSCHENKO LEONHARD

DEEPWOOD LANE

WESTPORT, CT 06880-1317

PEIDY GERALD GRIFFIN & MARY B (SV)

00 REEF ROAD

FAIRFIELD, CT 06824-6543

ERTKO CAROLYN F

50 REEF RD

AIRFIELD, CT 06824-6540

STONE LESLIE

762 REEF ROAD

FAIRFIELD, CT 06824-6540

O'CONNELL PATRICK J

503 REEF ROAD

FAIRFIELD, CT 06824-6579

NMA ASSOCIATES LLC

6234 MAIN STREET

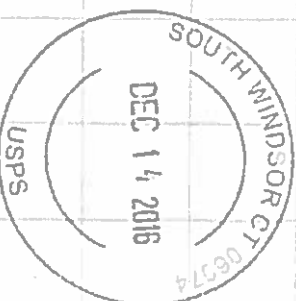
TRUMBULL, CT 06611-2442

FOR TURNER, DAVID R/EST & HANCOCK

20 FARMING ST

FAIRFIELD, CT 06824

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1.	DEPACE JOHN 684 REEF ROAD FAIRFIELD, CT 06824-6576											
2.	CALDARONI THOMAS C & MERCI G 660 REEF ROAD FAIRFIELD, CT 06824-6576											
3.	HARTWIG JAHNA M & MEANY ERIC G 599 REEF ROAD FAIRFIELD, CT 06824-6580											
4.	GROSSO JOSEPH A 583 TAHMORE DRIVE FAIRFIELD, CT 06825-2515											
5.	GASKER MARY M TR 581 REEF ROAD FAIRFIELD, CT 06824-6580											
6.	QUINCE STREET LLC 1330 MADISON AVENUE BRIDGEPORT, CT 06606-4539											
7.	MEISELBACH CLIFFORD 771 REEF ROAD FAIRFIELD, CT 06824-6547											
8.	CAVANAGH K BRUCE & GAY ANN L 23 BARBARA DRIVE NORWALK, CT 06851-5305											

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1.	GARCIA COLLEEN A 1057 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6561											
2.	PERUGINI WILLIAM 1080 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
3.	JERROLD AND JANICE JOHNSTON LLC 1170 GULF BLVD U 1905 CLEARWATER, FL 33767-2786											
4.	RINGEL GERALD & WANDA 578 MAINE HILL RD FAIRFIELD, CT 06824-2137											
5.	BEAR DEBBIE 1034 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
6.	WESTWOOD RICHARD A & NAHID (SV) 33 HERMIT LANE WESTPORT, CT 06880-1114											
7.	MASSOUD ELIZABETH & COBB DWIGHT W 1411 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
8.	KROOK KARL CHRISTER & M LEENA (SV) 1149 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6514											
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1.	THOMAS TRACEY A 840 REEF ROAD FAIRFIELD CT 06824-6540											
2.	PIEKARSKI INVESTMENTS 633 ROWLAND ROAD FAIRFIELD CT 06824-6745											
3.	SMITH J P/EST & CAROL A 28 REEF STREET FAIRFIELD, CT 06824-6507											
4.	HOMBERGER RICHARD 983 REEF ROAD FAIRFIELD CT 06824-6546											
5.	REGA GLEN & BARBARA (SV) 957 REEF ROAD FAIRFIELD CT 06824-6546											
6.	PAPINI BRIAN 3 MARC LANE FAIRFIELD CT 06824-6546											
7.	926 REEF ROAD LLC 245 UNQUOWA RD APT 124 FAIRFIELD CT 06824-5027											
8.	904 REEF ROAD LLC 38 ARBUTUS LANE TRUMBULL, CT 06611-1403											



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1.	MORELEY JOHN F JR & ELIZABETH 917 REEF RD FAIRFIELD CT 06824-6546											
2.	POINCELOT R P JR & GARDNER ELIZABETH 882 REEF RD FAIRFIELD CT 06824-6539											
3.	CHEN'S BROTHER REALTY LLC 822 REEF RD FAIRFIELD, CT 06824-6540											
4.	KNOBLOCH LAURO NATHANSON & PETER T 19 BEECHCROFT RD GREENWICH CT 06830-3911											
5.	COBB DWIGHT W & DAWN 1341 FAIRFIELD BEACH ROAD FAIRFIELD CT 06824-6517											
6.	HSIAO TOM Y & ELIZABETH R 92 UNDERHILL AVE APT 1 BROOKLYN NY 11238-3971											
7.	FAIRFIELD SHOE LLC 2370 PARK AVENUE BRIDGEPORT CT 06604-1617											
8.	BITTNER AMY MARIE 535 REEF ROAD FAIRFIELD CT 06824-6549											



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Total Number of Pieces Listed by Sender

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Address (Name, Street, City, State, & ZIP Code)

Postage

Fee

Handling Charge

Actual Value if Registered

Insured Value

Due Sender if COD

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SC Fee

SH Fee

RD Fee

RR Fee

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Fee

Handling
Charge

Actual Value
If Registered

Insured
Value

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if COD

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SH
Fee

RD
Fee

RR
Fee

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KOLK MATHEW J
111 FOREST AVENUE
FAIRFIELD CT 06824-6573

BRAKEMAN JOHN T & EMILY S (SV)
26 FOREST AVENUE
FAIRFIELD CT 06824-6531

HERRON LIAM E & DORENE M (SV)
53 FOREST AVENUE
FAIRFIELD CT 06824-6530

NOBLE JOHN R
65 FOREST AVENUE
FAIRFIELD CT 06824-6530

SMITH HEATH W
1016 FAIRFIELD BEACH ROAD
FAIRFIELD CT 06824

BUOYS AND GULL LLC
2234 FAIRFIELD BEACH ROAD
FAIRFIELD CT 06824-6568

DAVIS JACQUELINE D
1427 FAIRFIELD BEACH ROAD
FAIRFIELD CT 06824

1219 FAIRFIELD BEACH ROAD
100 COLUMBIA DRIVE
MANCHESTER CT 06042-8552



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1.	COVENTRY LARRY D 700 BURROUGHS ROAD FAIRFIELD, CT 06825-3612											
2.	MUNSON DOUGLAS J & KATHLEEN E 191 MIDDLEBROOK ROAD FAIRFIELD, CT 06824-3010											
3.	998 FAIRFIELD BEACH ROAD LLC 998 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6515											
4.	CALARON ROBERT J 196 SHARP HILL ROAD WILTON, CT 06897-3129											
5.	GANSER ROBERT K & ROSE S 38 FOREST AVENUE FAIRFIELD, CT 06824-6531											
6.	KEEGAN THOMAS J JR 831 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
7.	857 FAIRFIELD BEACH LLC 1045 CONSTABLE DRIVE MAIMARONECK, NY 10542-4702											
8.	HOWARD JEFFREY K & TAMARIE D (SV) 891 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											



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1.	ECKERSLEY FIONA 826 REEF ROAD FAIRFIELD, CT 06824-6540											
2.	PURECELL JANE 901 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6560											
3.	MCALEER SARAH FRICK- B39 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
4.	FOGARTY DAVID 774 REEF ROAD FAIRFIELD, CT 06824-6540											
5.	SOUSA HELENA 515 REEF ROAD FAIRFIELD, CT 06824-6579											
6.	LISKOVICH CAROL A 698 REEF ROAD FAIRFIELD, CT 06824-6576											
7.	TAKACS CANDACE M 57 EDGE HILL PL FAIRFIELD, CT 06824-5209											
8.	ARCESI LESLIE A 738 REEF ROAD FAIRFIELD, CT 06824-6540											



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1.	CAULFIELD JOHN L 1140 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6517											
2.	BONANU ASSOCIATES LLC 60 KATONA DRIVE UNIT 23 FAIRFIELD, CT 06825-3544											
3.	GALLETTI PIERLUIGI C/O JUSTIN GALLETTI 238 RUANE STREET FAIRFIELD, CT 06824-5858											
4.	QUINN CAROLE ANNE 36 HAWTHORNE RD NEW CANAN, CT 06840-6304											
5.	SEWICK M. & MCGILL CHRISTINE (SV) 1211 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6516											
6.	RICHARDS MARY H 12 GARDEN CITY ROAD DARIEN, CT 06820-0000											
7.	WAXMAN CAROL ANN & JOHN W 1256 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6516											
8.	MENILLO LINDA A & MICHAEL A JR (SV) 2041 FAIRFIELD BEACH RD FAIRFIELD, CT 06824-6570											

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1.	JCV LLC & REIDY REEF PROPERTY LLC 115 DWIGHT STREET FAIRFIELD, CT 06824-6626											
2.	KOWALSKY JOSEPH P JR 1047 REEF ROAD FAIRFIELD, CT 06824-6546											
3.	VAN AMBURGH WAYNE W 1012 REEF ROAD FAIRFIELD, CT 06824-6539											
4.	BEACHSIDE COMMONS, LLC 14 BRIDGE STREET WESTPORT, CT 06880-4926											
5.	RUSSELL LISA D 924 CONGRESS ST FAIRFIELD, CT 06825-2141											
6.	SPIGAROLO H/E/EST & KENNETH F SR 52 BROADWAY MILFORD, CT 06460-6007											
7.	CA 1039 LLC 6 WILCOX LANE WESTPORT, CT 06880-5049											
8.	NIELSON JO-ANETTE M 1019 REEF ROAD FAIRFIELD, CT 06824 6546											

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1.	POSSER PAULA L 30 REEF CENTER FAIRFIELD CT 06824-6507											
2.	LILLO MEAGHAN E 7 REEF COURT FAIRFIELD CT 06824-6541											
3.	MANOR MANAGEMENT LLC 197 MACY ROAD BRIARCLIFF MANOR NY 10510-1017											
4.	CAMARDA SUSAN FJ 942 REEF ROAD FAIRFIELD CT 06824-6539											
5.	PREVIDI HELEN A 929 REEF ROAD FAIRFIELD CT 06824-6539											
6.	MAGUIRE PJ & BENEDETTA (LU) 95-97 C 918 20 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
7.	RANSOME JILL A 56 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
8.	HICKEY STEPHEN M & IRMA M (SV) 150 LONGDEAN ROAD FAIRFIELD CT 06824-6551											



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1.	BRIDGE CARLOS GALLARDO 133 LONGDEAN ROAD FAIRFIELD CT 06824-6533											
2.	SHERWOOD EMILY M & SHEILA B 108 LONGDEAN RD FAIRFIELD CT 06824-6551											
3.	CONLEY PATRICIA A 32 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
4.	BRITT WILLIAMS S & GLORIA C (SV) 33 REEF COURT FAIRFIELD CT 06824-6507											
5.	FIORILLI WILLIAM & CONWAY J A 27 REEF COURT FAIRFIELD CT 06824-6507											
6.	THORNE NANCY W 269 MOREHOUSE HIGHWAY FAIRFIELD CT 06824-2710											
7.	CHOI MINNHEE 956 REEF ROAD FAIRFIELD CT 06824-6539											
8.	988 REEF ROAD LLC 25 BAUER PLACE EXT WESTPORT CT 06880-4105											

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Article Number	Addressee (Name, Street, City, State, & ZIP Code)	Postage	Fee	Handling Charge	Actual Value if Registered	Insured Value	Dues Sender if COD	DC Fee	SC Fee	SH Fee	RD Fee	RR Fee
1.	GIORDANO JAMES A & BARRY LYNN (SV) 939 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
2.	701 FAIRFIELD BEACH ROAD LLC 96 ROCK MAJOR ROAD FAIRFIELD, CT 06824-3922											
3.	GNIADK STEPHEN A & AMY S (SV) 974 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
4.	VERZARO NANCY P.O. BOX 320272 FAIRFIELD, CT 06825-0272											
5.	ROBINSON MALCOLM W III & TRACY M (SV) 919 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6560											
6.	CLYNE MITCHELL IRA & RUTH 971 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6512											
7.	HELLE JANET H & O'SULLIVAN NANCY H/EST 65 RAINTREE LANE ORMOND BEACH, FL 32174-4237											
8.	GILLEN C W JR & STAINES SUSAN GILL 74 HILLDALE RD WESTPORT, CT 06880											



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SC Fee

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1. MARGARUM WAYNE SR
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2. GARRELL DAVID FRANKLIN & BETH A (SV)
1355 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6562

3. 1370 FAIRFIELD BEACH ROAD LLC
120 COTTAGE STREET
TRUMBULL, CT 06611-2846

4. WELCH JOHN E TRUSTEE
101 OLD SOUTH ROAD
SOUTHPORT, CT 06890-1412

5. HAUGHN E. C & CAMARGO S. MORA
108 LOOKOUT DRIVE
FAIRFIELD, CT 06825-1823

6. BRENNAN DOROTHEA E
1246 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6518

7. ZIEFF DAVID M & DEBORAH
1265 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6516

8. 1275 FAIRFIELD BEACH ROAD LLC
P O BOX 753
TRUMBULL, CT 06611-0753



29 of 34

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Charge

Actual Value
if Registered

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Value

Due Sender
if COD

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Fee

SC
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SH
Fee

RD
Fee

RTR
Fee

1.

BERNARD G. T. R. C/O PATRICIA DAMMER
1119 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824

2.

UHRICH EVA W & CHARLES E (SV)
395 WORMWOOD ROAD
FAIRFIELD, CT 06824-4556

3.

KINDER PROPERTIES, LLC
P O BOX 5010
MONROE, CT 06468

4.

PHOENIX AT 1011 FAIRFIELD BEACH ROAD COR
211 HIGH RIDGE ROAD
RIDGEFIELD, CT 06877-4419

5.

CIOFI JOSEPH
1021 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6561

6.

CHEVILLET SOPHIE
41 FOREST AVENUE
FAIRFIELD, CT 06824-6530

7.

ANDRIOLAS MARIA
1236 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6518

8.

KEEGAN KEVIN C
100 COLOMBIA DR
MANCHESTER, CT 06042-8552

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Address (Name, Street, City, State, & ZIP Code)

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Charge

Actual Value
if Registered

Insured
Value

Due Sender
if COD

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SH
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RD
Fee

RR
Fee

1.

CHIO HELEN
1220 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6518

2.

ANDRIOLAS MARIA
1235 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6518

3.

CERBONE VINCENT T & ELAINE E (SV)
84 SMITH AVENUE FL 2
MOUNT KISCO, NY 10549

4.

PAINE ANNE MARIE
1359 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6516

5.

SODERLUND KURT R & NEWMAN CLEA O
1337 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6562

6.

1008 FAIRFIELD BEACH ROAD LLC
1008 FAIRFIELD BEACH ROAD
FAIRFIELD, CT 06824-6517

7.

CASANOVA JOAN L BISACCA-
29 FOREST AVENUE
FAIRFIELD, CT 06824-6530

8.

MUNSON DOUGLAS H
48 REEF ROAD
FAIRFIELD, CT 06824-5900

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1.	KEELY TIMOTHY + KATHLEEN H 116 LONGDEAN RD FAIRFIELD CT 06824-6551											
2.	LANNA ELIZABETH 33 LONGDEAN RD FAIRFIELD CT 06824-6532											
3.	HACKER LAURA 68 LONGDEAN ROAD FAIRFIELD, CT 06824-6551											
4.	EMMANOUILIDIS D L & DIMITRIOS (SV) 44 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
5.	EPSTEIN A. LOGAN & JACLYN SIEGEL (SV) 21 LONGDEAN ROAD FAIRFIELD CT 06824-6532											
6.	HORTON MICHAEL F & MARGARET E (SV) 20 LONGDEAN ROAD FAIRFIELD CT 06824-6551											
7.	DEROS PETER 2589 S SEAMANS NECK ROAD SEAFORD NY 11783											
8.	SCIEZYNSKI MIROSLAW & DANUTA (SV) 165 LONGDEAN ROAD FAIRFIELD CT 06824-6533											

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Total Number of Pieces Listed by Sender

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1.	DALY TIMOTHY & HILARY (SV) 984 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6515											
2.	STEPNEY, LLC C/O GEORGE W GANIM 4666 MAIN STREET BRIDGEPORT, CT 06606-1839											
3.	KLUTCH CHRISTOPHER & VALERIE A 963 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6560											
4.	867 EAST MAIN STREET ASSOCIATES, LLC 997 FAIRFIELD BEACH ROAD, FAIRFIELD, CT 06824-6560											
5.	FBR CT LLC 264 HILLSPPOINT ROAD WESTPORT, CT 06880-6619											
6.	ELLIS GEORGE W & SHEILA K (SV) 1460 FAIRFIELD BEACH ROAD FAIRFIELD, CT 06824-6519											
7.	SHILLING J W JR & GMELIN M 48 DEER RUN ROAD BROOKFIELD, CT 06804-1722											
8.	ROWAN HOWARDS S JR & MICHAEL E 45 GREYSTONE SHELTON, CT 06484-3851											

Total Number of Pieces
Listed by Sender

Total Number of Pieces
Received at Post Office

Postmaster, Per (Name of receiving employee)

513



3324 34

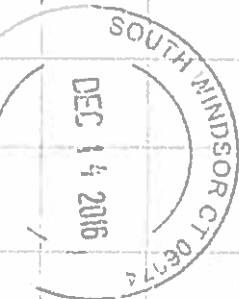
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☐ Express Mail
☐ Insured
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1.	NASH ROBERT W & JEAN K 591 REEF RD FAIRFIELD CT 06824-6548											
2.	KARAGEORGE JAMES 1342 KINGS HIGHWAY CUTOFF FAIRFIELD CT 06824-5311											
3.	1054 FAIRFIELD BEACH ROAD LLC 3167 NORTH STREET FAIRFIELD, CT 06824-1627											
4.	SHEPRO D & JONATHAN TRS C/O SHEPRO 2103 MAIN STREET STRATFORD CT 06615-6300											
5.	COLEMAN KATHRYN & GEORGE W (SV) 1091 FAIRFIELD BEACH ROAD FAIRFIELD CT 06824-6561											
6.	MASSOUD ELIZABETH A 3 MARC LANE WESTPORT CT 06880-3709											
7.	SHEPPARD KELLY & TIFFANEY (SV) 580 REEF ROAD FAIRFIELD CT 06824-6541											
8.	TAMMARO JOSEPH 644 REEF ROAD FAIRFIELD CT 06824-6576											



340734

Delivery Confirmation
 Signature Confirmation
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 Restricted Delivery
 Return Receipt

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1. LYN S DEBECCA
135 FOREST AVENUE
FAIRFIELD CT 06424-6530
BEAUMONT PROPERTIES LLC
2. 52 VISTA DRIVE
FAIRFIELD CT 06424-1130
- 3.



U.S. POSTAGE
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06074
DEC 14 2016
AMOUNT
\$17.64
R2305H129779-1018



U.S. POSTAGE
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SOUTH WINDSOR, CT
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DEC 14 2016
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U.S. POSTAGE
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SOUTH WINDSOR, CT
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DEC 14 2016
AMOUNT
\$17.64
R2305H129779-1018



U.S. POSTAGE
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SOUTH WINDSOR, CT
06074
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R2305H129779-1018

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DEC 14 2016
AMOUNT
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R2305H129779-1018



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PS Form 3877, February 2002 (Page 1 of 2)

Complete by (signature), using a valid routing slip

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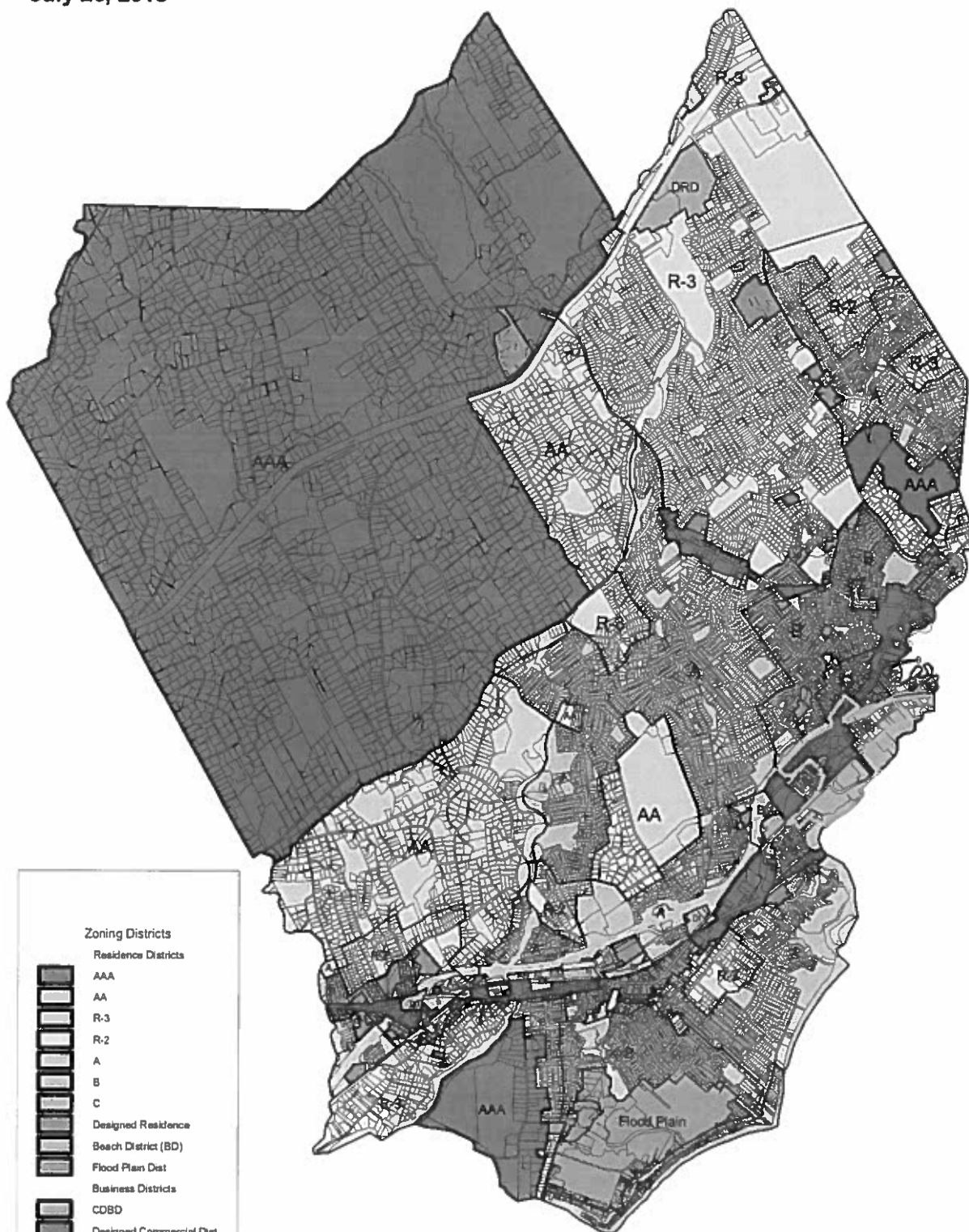
Fairfield-8
Detailed Site Plan



Fairfield-9
Zoning Map

Zoning Districts

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



Zoning Districts

Residence Districts

- AAA
- AA
- R-3
- R-2
- A
- B
- C
- Designed Residence
- Beach District (BD)
- Flood Plain Dist

Business Districts

- CBD
- Designed Commercial Dist
- NDD

Industrial Districts

- DI
- DRD
- Commerce Drive Area Designed District

Fairfield-10
Octave Sound Measurements



Objective

The purpose of this memorandum is to document 1/3 octave sound measurements at various locations around 9582 to support the applications group

Test Hardware

Quest Model 1800 Sound Level Meter
Quest Model OB-300 1/1 – 1/3 Octave Band Filter

Test Conditions

Weather: 45°F, Wind NW @ 8mph, mostly cloudy
Time: 20:23 – 21:45 17 February 2012
9582 Operating at 400kW, 976 Volts, 440 amps, VSD800 @ 100%, no heat recovery

Test Plan

1. Follow the Meter Settings listed below to properly setup and configure the Sound level meter & 1/3 Octave Filter:

Model 1800 Settings: Sound Level Meter

Response: Slow

Weighting: A

Mode: SPL

dB Range: 40-100

Power: On

Model OB-300 Settings: 1/3-1/1 Octave Ban Filter

Power: Manual

Time Mode: 1/3

Start: ▲ or ▼ to select Freq. : (Hz) (Red LED Indicates Monitor Frequency being displayed)

2. See Location Map for measurement *Location: A,B,C,&D.*
3. Measure distances from power plant in Location A THRU D.
4. Face Sound meter microphone toward PPL and press the 'RUN' button on the 1800 meter. (Noise level displayed in window)
5. Record 1/3 Octave Noise Level readings at each frequency on Data Sheet.
6. Repeat steps 6 thru 9 for all Locations A thru J as shown on Location Map.

Figure 1: Test Locations

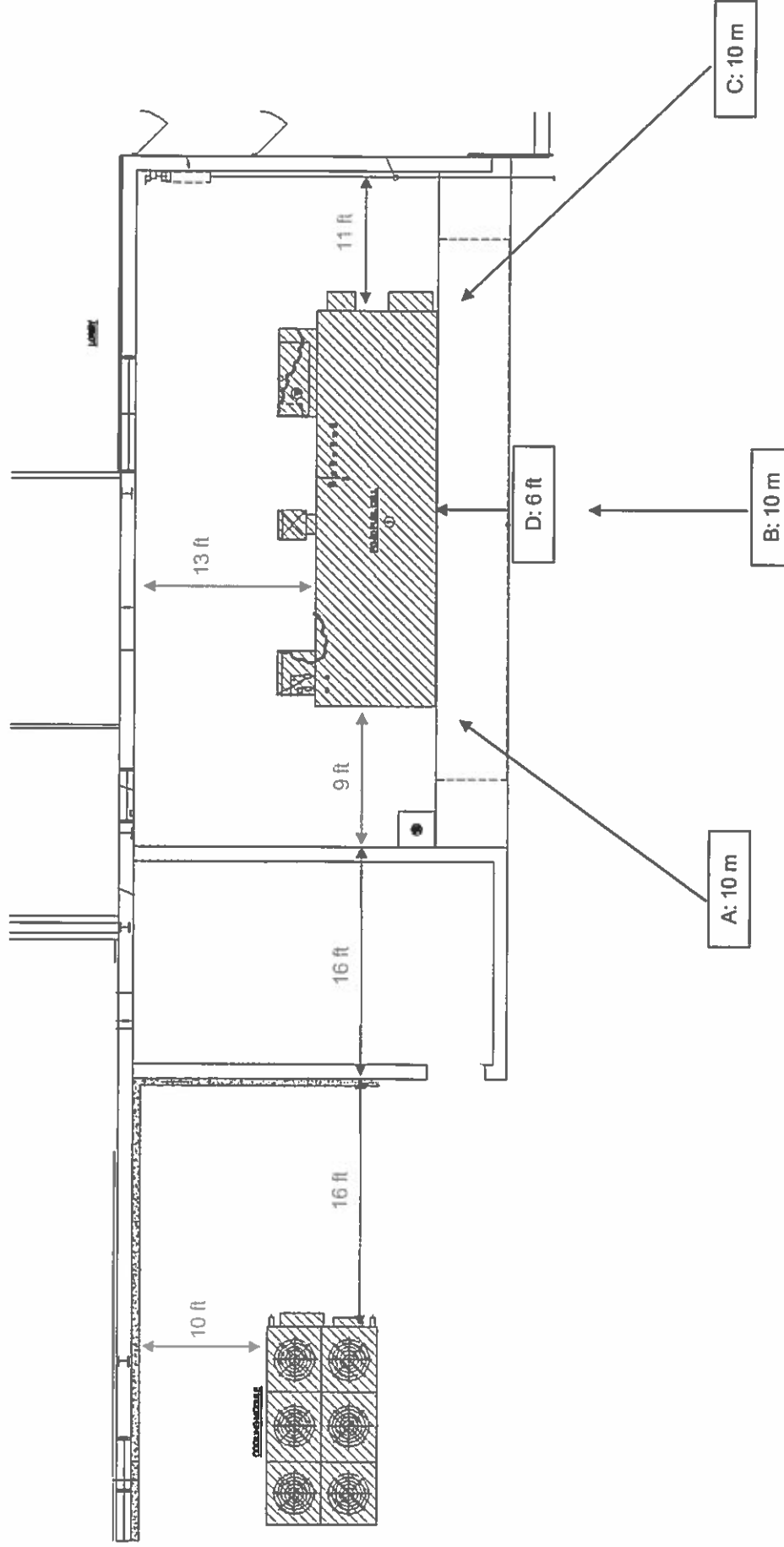
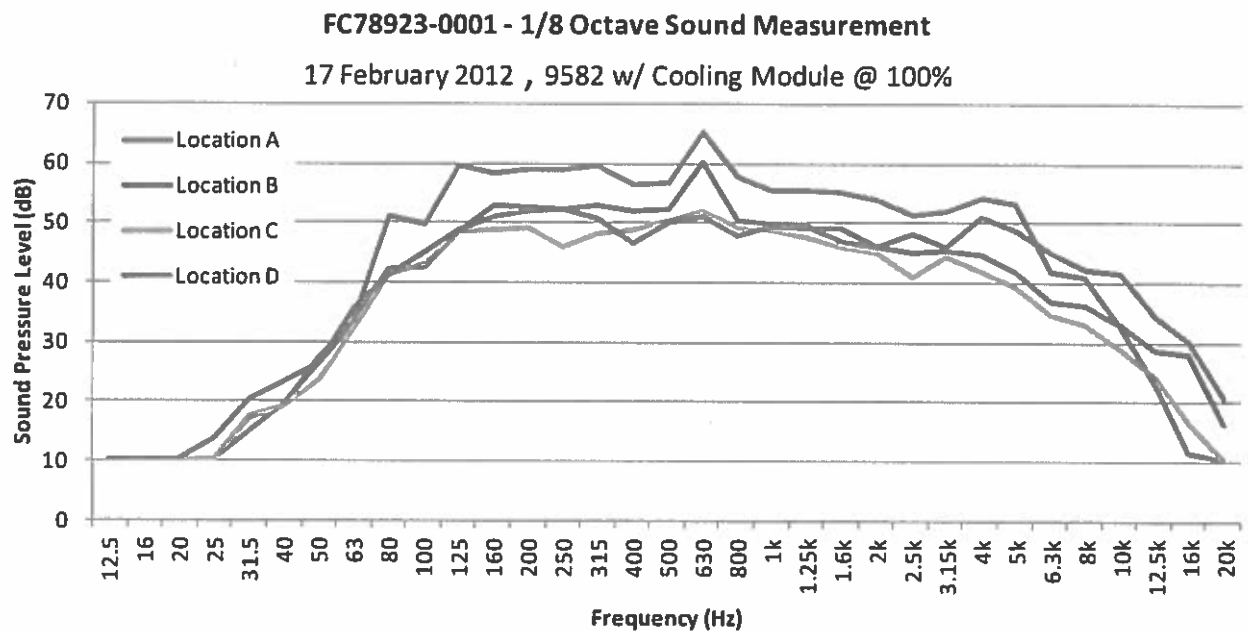




Table 1: 1/3 Octave Noise Data Sheet

<i>Freq.: (Hz)</i>	<i>Location A</i>	<i>Location B</i>	<i>Location C</i>	<i>Location D</i>
dBA	67.7	64.2	60.5	62.5
20k	10.3	16.3	10.3	20.8
16k	11.7	28.0	16.5	30.2
12.5k	23.1	28.7	24.2	34.3
10k	32.8	33.2	29.1	41.5
8k	41.0	36.2	32.9	42.3
6.3k	41.8	36.7	34.5	45.0
5k	53.4	41.9	39.3	48.8
4k	54.2	44.7	41.9	51.2
3.15k	52.1	45.5	44.4	46.0
2.5k	51.3	45.2	41.1	48.2
2k	53.8	46.0	45.2	46.0
1.6k	55.3	47.1	45.9	49.3
1.25k	55.4	49.5	47.5	49.0
1k	55.6	49.7	48.9	49.4
800	57.8	50.3	49.0	48.0
630	65.3	60.2	51.9	51.0
500	56.8	52.2	50.3	50.1
400	56.4	51.9	48.7	46.6
315	59.6	52.9	48.2	50.8
250	59.1	52.3	45.9	52.4
200	58.9	52.5	49.3	52.1
160	58.4	53.0	48.8	51.2
125	59.5	48.4	48.4	48.7
100	49.9	42.6	43.0	44.9
80	50.9	42.3	41.4	41.3
63	33.3	33.2	32.2	35.5
50	27.3	26.4	23.7	26.3
40	19.3	19.5	19.1	23.4
31.5	17.2	15.0	17.5	20.5
25	10.3	10.4	10.3	13.8
20	10.3	10.3	10.3	10.3
16	10.3	10.3	10.3	10.3
12.5	10.3	10.3	10.3	10.3

Figure 2:



Observations

Limit of the meter is 10.3 dB

Orientation of the meter is important, it was directed per the arrows in the diagram

References

Manual: Quest Technologies Model 1800 Sound Meter- <http://www.ierents.com/Manuals/Quest1800.pdf>

Revision Record

REVISION	DATE	AUTHOR	DESCRIPTION
A	2012-02-17	B. Fleming	Initial Release. 12-0320



U.S. Department
of Transportation

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 14158
(SEVENTH REVISION)

April 17, 2015

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

EXPIRATION DATE: March 31, 2019

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Doosan Fuel Cell America, Inc.
South Windsor, Connecticut
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the transportation of a fuel cell power plant assembly containing packaged Division 4.2, PG II, and Class 8, PG II materials without meeting the segregation requirement. This special permit provides no relief from the Hazardous Materials Regulations (HMR) or the International Maritime Dangerous Goods Code (IMDG Code) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce.
 - c. Party status will not be granted to special permit.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180 and the IMDG Code.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 176.83(b) and 176.83(c)(2)(ii) of the HMR, and Chapter 4.2, Portable Tank Instruction T3; Chapter 4.3, Bulk Container Instruction BK3; Chapter 7.2, Section 7.2.4; and Chapter 7.6, Section 7.6.3 of the IMDG Code in that a package of Division 4.2 solid material may be transported in the same assembly unit with one or more packages of solids containing Class 8 liquid, except as specified herein.

Fairfield-11
Special Permit



U.S. Department
of Transportation

Pipeline and Hazardous
Materials Safety Administration

April 17, 2015

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

DOT-SP 14158
(SEVENTH REVISION)

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3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180 and the IMDG Code.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 176.83(b) and 176.83(c)(2)(ii) of the HMR, and Chapter 4.2, Portable Tank Instruction T3; Chapter 4.3, Bulk Container Instruction BK3; Chapter 7.2, Section 7.2.4; and Chapter 7.6, Section 7.6.3 of the IMDG Code in that a package of Division 4.2 solid material may be transported in the same assembly unit with one or more packages of solids containing Class 8 liquid, except as specified herein.

5. BASIS: This special permit is based on the application of Doosan Fuel Cell America, Inc. dated March 18, 2015, submitted in accordance with § 107.109.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identi- fication Number	Packing Group
Self-heating solid, inorganic, n.o.s. (contains copper on zinc oxide alumina substrate)	4.2	UN3190	II
Solids containing corrosive liquid, n.o.s. (contains phosphoric acid)	8	UN3244	II

7. SAFETY CONTROL MEASURES:

- a. POWER PLANT ASSEMBLY - A fuel cell power plant assembly may contain Division 4.2 solid, PG II and Class 8 solid, PG II materials specified in paragraph 6, but may not contain any other hazardous materials. It may contain compatible non-hazardous materials.
- b. PACKAGING -
- (1) The Division 4.2 solid must be packaged in a non-DOT Specification portable tank suitable for the transport of liquids in accordance with § 173.241(c) of the HMR.
 - (2) The solid containing the Class 8 liquid must be packaged in one or more sift-proof, non-DOT specification closed bulk bins in accordance with § 173.240(c) of the HMR.

8. SPECIAL PROVISIONS:

- a. A person who is not a holder of this special permit, but receives a package covered by this special permit, may reoffer it for transportation provided no modification or

change is made to the package and it is offered for transportation in conformance with this special permit and the HMR.

b. A current copy of this special permit must be maintained at each facility where the package is offered or reoffered for transportation.

c. This special permit in no way affects the need to obtain any required authorizations from other agencies of the United States Government or from the competent authorities of countries of origin, transit, and destination.

9. MODES OF TRANSPORTATION AUTHORIZED: Cargo vessel.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel used to transport packages covered by this special permit.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
 - o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, Parts 171-180.
 - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)- 'The Hazardous Materials Safety and Security Reauthorization Act of 2005' (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR 171.15 Immediate notice of certain hazardous materials incidents, and 171.16 Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:

Diane LaValle

Diane LaValle

Transportation Specialist, Office of Hazardous Materials Special Permits and Approvals

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, Department of Transportation, Washington, D.C. 20590. Attention: PHH-31.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: STH/TG