
Patch Deal Hound» Patch's 16 Most Popular Amazon Holiday Deals (<http://patch.com/massachusetts/falmouth/s/fh668/patches-16-most-popular-amazon-holiday-deals>)

FALMOUTH WIND II TURBINE NEVER HAD A NOISE TEST

Brian Hopkins: My email was lost was a sound study updated with additional turbine? There never was decibel mapping for the second turbine !

Falmouth, MA

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By **FRANK HAGGERTY** (Open Post) (<http://patch.com/users/frank-haggertye0dbc553242f63bb0b4c3acd2f8df71d82de8d597c3d2d03e2929a2b2178abbf>)

🗓 December 1, 2015 | **P** (<http://contribute.patch.com/moderation/25969442>)

4

FALMOUTH WIND II NO NOISE TESTS



ZONING BOARD OF APPEALS :

“The Board of Appeals shall ensure, through the use of appropriate engineering data, that there shall be no adverse impacts on the neighborhood, in terms of television interference, ice throw, prop throw, noise, etc.”

[Section 240-166 of the zoning by-laws]

CAPE COD COMMISSION :

Cape Cod Commission adopted a Minimum Performance Standard that imposes a presumptive setback distance for turbines the size of Wind 1 and Wind 2 of 10 x rotor diameter:

Minimum Performance Standard E1.8 “Noise – All Applicants for a WECF [wind energy conversion facility] greater than 660 KW shall perform a noise study and fund a Cape Cod Commission approved consultant’s review of the noise study, and adhere to a setback of 10 times rotor diameter of the proposed turbine from the nearest receptor, or residentially zoned parcel.....”

FALMOUTH WIND STUDY -NONE ;

The only “prior study” (i.e. study done before the decision to install a second turbine), which dealt in any way with sound pressures was the KEMA Study, which was very insufficient, and which dealt with a single turbine.

VESTAS NOISE WARNING LETTER :

“Vestas wind turbine company the manufacturer of the two Vestas V-82 commercial 1.65 megawatt turbines became concerned over the installation of Falmouth Wind II .”

More from Falmouth Patch

- Patch's 16 Most Popular Amazon Holiday Deals (<http://patch.com/massachusetts/falr-16-most-popular-amazon-holiday-deals>)
- MBTA Conductor Failed to Secure Brake in Runaway Train Scare: Officials (<http://patch.com/massachusetts/falr-conductor-failed-secure-brake-runaway-train-scare-officials-0>)

“Vestas had warned the Town of Falmouth the turbines generated 110 decibels of noise. Double the written specifications. ”

August 3, 2010

Mr. Gerald Potamis

WasteWater Superintendent

- Heroin on the Cape: HBO Documentary Explores Crisis (<http://patch.com/massachusetts/falmouth-cape-hbo-documentary-explores-crisis-0>)
 - Sex Offender Wanted After Falmouth Incident (<http://patch.com/massachusetts/falmouth-sex-offender-wanted-after-falmouth-incident-0>)
-

Town of Falmouth Public Works

59 Town Hall Square
Falmouth, MA 02540

RE: Falmouth WWTF Wind Energy Facility II "Wind II",
Falmouth, MA

Contract No. #3297

Dear Mr. Potamis,

Due to the sound concerns regarding the first wind turbine installed at the wastewater treatment facility, the manufacturer of the turbines, Vestas, is keen for the Town of Falmouth to understand the possible noise and other risks associated with the installation of the second wind turbine.

The Town has previously been provided with the Octave Band Data / Sound performance for the V82 turbine. This shows that the turbine normally operates at 103.2dB but the manufacturer has also stated that it may produce up to 110dB under certain circumstances. These measurements are based on IEC standards for sound measurement which is calculated at a height of 10m above of the base of the turbine.

We understand that a sound study is being performed to determine what, if any, Impacts the second turbine will have to the nearest residences. Please be advised that should noise concerns arise with this turbine, the only option to mitigate normal operating sound from the V82 is to shut down the

machine at certain wind speeds and directions. Naturally this would detrimentally affect power production.

The manufacturer also needs confirmation that the Town of Falmouth understands they are fully responsible for the site selection of the turbine and bear all responsibilities to address any mitigation needs of the neighbors.

Finally, the manufacturer has raised the possibility of ice throw concerns. Since Route 28 is relatively close to the turbine, precautions should be taken in weather that may cause icing.

To date on this project we have been unable to move forward with signing the contract with Vestas. The inability to release the turbine for shipment to the project site has caused significant [SIC] delays in our project schedule. In order to move forward the manufacturer requires your understanding and acknowledgement of these risks. We kindly request for this acknowledgement to be sent to us by August 4, 2010, as we have scheduled a coordination meeting with Vestas to discuss the project schedule and steps forward for completion of the project.

Please sign in the space provided below to indicate your understanding and acknowledgement of this letter. If you have any questions, please do not hesitate to call me.

Sincerely,

(Bruce Mabbott's signature)

Bruce Mabbott Gerald Potamis
Project Manager Town of Falmouth

CC: Sumul Shah, Lumus Construction, Inc.
(Town of Falmouth's Wind-1 and Wind-2 Construction contractor)

Stephen Wiehe, Weston & Sampson
(Town of Falmouth's contract engineers)

Brian Hopkins, Vestas
(Wind-1, Wind-2's turbine manufacturer, and also Webb/NOTUS turbine)

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Across Massachusetts

- State Police: Pedestrian Killed on Route 1A in Lynn (Lynnfield, MA) (<http://patch.com/massachusetts/falmouth/s/fhl7l/state-police-pedestrian-killed-on-route-1a-in-lynn>)

Trending Across Patch

- Fire at Historic Annapolis Yacht Club: LATEST DETAILS (Annapolis, MD) (<http://patch.com/massachusetts/falmouth/s/fhm35/fire-at-historic-annapolis-yacht-club-latest-details>)

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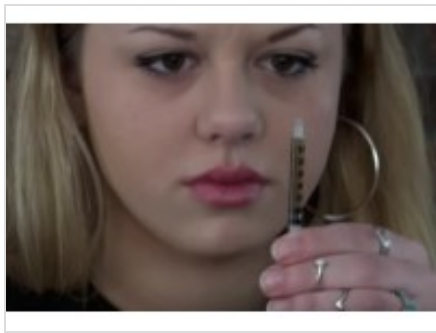
- 2. [You Need To Know The 8 Most Common Signs Of Pancreatic Cancer](#) a month ago [dailyhealthremedies.com](#) [Daily Health Remedies](#) [DailyHealthRemedies.com](#) (sponsored)



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MBTA Conductor Failed to Secure Brake in Runaway Train Scare:...

(http://patch.com/massachusetts/conductor-failed-secure-brake-runaway-train-scare-officials-0)

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State Police: Pedestrian Killed on Route 1A in Lynn
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Runaway Train Operator Placed on Leave
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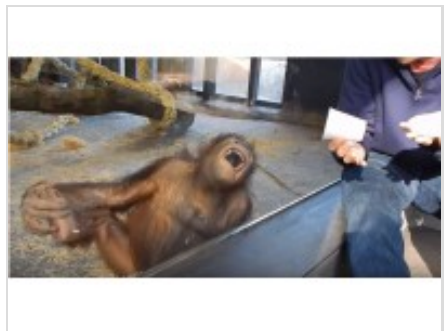
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Fire at Historic Annapolis Yacht Club: LATEST DETAILS

(http://patch.com/massachusetts/falmouth/s/fhm35/fire-at-historic-annapolis-yacht-club-latest-details)

holiday-deals-the-complete-rundown-of-gifts-for-moms-dads-dog-lovers-wine-drinkers-and-more)

Patch Holiday Deals: The Complete Rundown of

Gifts for Moms, Dads,...

(http://patch.com/massachusetts/falmouth/s/fhm35/holiday-deals-the-complete-rundown-of-gifts-for-moms-dads-dog-lovers-wine-drinkers-and-more)

orangutan-goes-into-hysterics-over-magic-trick)

Watch: Orangutan Goes Into Hysterics Over Magic Trick

(http://patch.com/massachusetts/falmouth/s/fhjjeu/watch-orangutan-goes-into-hysterics-over-magic-trick)

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(http://patch.com/massachusetts/falmouth/s/fhjjeu/watch-orangutan-goes-into-hysterics-

over-magic-trick)

- 4 ▶ **Sandy Hook Parents Call on University to Distance Conspiracy Theorist Professor**
(<http://patch.com/massachusetts/falmouth/s/fhisy/sandy-hook-parents-call-on-university-to-distance-conspiracy-theorist-professor>)
- 5 ▶ **Critically Ill 'Puppy Mill' Dog Saved by MSPCA Docs**
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MBTA Conductor Failed to Secure Brake in Runaway Train Scare: Officials
(<http://patch.com/massachusetts/falmouth/conductor-failed-secure-brake>-

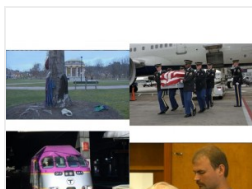
Heroin on the Cape: HBO Documentary Explores Crisis
(<http://patch.com/massachusetts/falmouth/cape-hbo-documentary-explores-crisis-0>)

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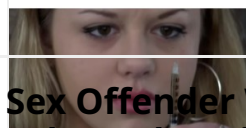
The MBTA conductor also tied a cord around the throttle to fix an issue; the train left the station

Runaway Train, Korean War Vet Returns, High School Threat, and More: Nearby News
(<http://patch.com/massachusetts/falmouth/train-korean-war-vet-returns-high-school-threat-more-nearby-news-0>)



Plus, a man who carjacked an elderly woman is sentenced, and a good samaritan leaves winter clothes on the Common for those in need.

"Heroin: Cape Cod, USA" will air on HBO Dec. 28.



Sex Offender Wanted After Falmouth Incident
(<http://patch.com/massachusetts/falmouth/sex-offender-wanted-after-falmouth-incident-0>)



Falmouth police said Scott Hefner is wanted. He was convicted of kidnapping a child in 2000.

Falmouth Community TV Presents The Board Of Selectmen Meeting
(<http://patch.com/massachusetts/falmouth/community-tv-presents-board-selectmen-meeting-0>)



Part 1 and Part 2 of the December 7 meeting is now available at the links below.

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State Police: Pedestrian Killed on Route 1A in Lynn
(<http://patch.com/massachusetts/falmouth/police-pedestrian-killed-on-route-1a-in-lynn>)



The driver of the motor vehicle stayed at the scene, according to state police.

Runaway Train Operator Placed on

UPDATED: Man Arrested in Connection With Fatal Shootings in Revere
(<http://patch.com/massachusetts/falmouth/man-arrested-in-connection-with-fatal-shootings-in-revere>)

Massachusetts State Police assigned to the Suffolk District Attorney's office and Revere Police are investigating.

Leave (<http://patch.com/massachusetts/falmouth/train-operator-placed-on-leave>)



Officials also said that MBTA employees have been told not to use bypass procedure used by the operator.

Everett Police Mourn Loss of Officer from Tewksbury (<http://patch.com/massachusetts/falmouth/police-mourn-loss-of-officer-from-tewksbury>)



Officer Glen Briley, 44, of Tewksbury was found unresponsive in his cruiser Wednesday morning.

Norwood Resident Killed by Alleged Drunken Driver (<http://patch.com/massachusetts/falmouth/resident-killed-by-alleged-drunken-driver>)



The driver of one of the cars was charged with motor vehicle homicide while drunken driving and drugged driving.

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