

CITY OF CAMBRIDGE

BOARD OF ZONING APPEAL

831 Massachusetts Avenue, Cambridge MA 02139

2021 APR 26 PM 4:54

617-349-6100

OFFICE OF THE CITY CLERK CAMBRIDGE, MASSACHUSE TS

BZA Application Form

BZA Number: 108452

General Information

The undersigned hereby petition	ns the Board of Zoning Appeal for	the following:
Special Permit:X	Variance:	Appeal:

PETITIONER: Brian DePorzio C/O Nicholas DePorzio (Trustee) and Katlyn Coveney

PETITIONER'S ADDRESS: 45 Blanchard Road, Cambridge, MA 02138

LOCATION OF PROPERTY: 45 Blanchard Rd, Unit 1, Cambridge, MA

TYPE OF OCCUPANCY: Residence B Zone
ZONING DISTRICT: Residence B Zone

REASON FOR PETITION:

/Use home to board 1 postoperative canine at any given time, recovering from orthopedic surgery requiring special care and strict rest. Care provider has experience as canine rehabilitation aide for MSPCA-Angell and wildlife conservation/rehabilitation background. Will only work as a referral from veterinary surgeons or physical therapists./

DESCRIPTION OF PETITIONER'S PROPOSAL:

As a canine rehabilitation aide for the past year at MSPCA-Angell, I learned hands on under registered CCRP (Certified Canine Rehabilitation Practitioner) veterinarians of the need for dogs to have strict rest accompanied by cool/warm compress, massage, and range of motion exercises for two weeks post orthopedic surgery, prior to physical rehabilitation. This is in addition to administering medications to dogs that are in a severe amount of pain due to surgeries that leave them temporarily debilitated. Owners are left with the responsibility to follow rigorous and restrictive discharge instructions, and many feel like they do not have the time or experience required to perform needed discharge services appropriately. Some live in apartments with stairs that are not accessible for a dog that cannot walk independently. Owners can be elderly, handicapped, or have a variety of other restrictions that prevent them from providing the necessary care their dog needs to recover. Many patients and their owners suffer because of these kinds of restrictions, and ultimately these limitations can increase healing time or even jeopardize the surgical results completely.

My service would offer a safe space with 24 hour care for up to 2 weeks for 1 (one) canine at any given time in need of postoperative care after their orthopedic or specialty surgery. Appropriate rest and restriction would be provided with the use of the lucidium modern dog pen in my open concept home. Care provided will be as instructed by the veterinary surgeon, but will be limited to the same care the veterinarian would recommend an owner provide in their own home. This typically includes administering medication, massage, range of motion exercise, and cool/warm compress. A dog in my care will also be assisted with the Help Em' Up harness for potty breaks given at least every 4 hours. All sanitary and care standards adhered to in a 24 hour specialty hospital will be adhered to in my own home.

I feel strongly that this new service will apply the knowledge and skill set I gained from the amazing team at Angell, and that I will be able to responsibly and safely provide this care while benefiting dogs and their owners in and

around our community.

By only caring for one dog at a time, noise and cleanliness issues that are usually associated with this field will not be an issue any more than having a licensed pet in the home. All dogs would need to be up to date on vaccines and have a valid license in order to qualify for care in my home. I would reserve the right to decline service to animals with a history of aggression.

I request relief permission to allow me to provide overnight, postoperative care in my home to 1 (one) canine at a time, in need of this care.

SECTIONS OF ZONING ORDINANCE CITED:

Article: 4.000

Section: 4.35.L (Veterinary establishment, kennel, pet shop or simililar establishment).

Original

Signature(s):

(Petitioner (s) / Owner)

Address:

Tel. No.

480-313-1716

E-Mail Address:

ktcoveney@gmail.com

Date: 4/26/2021

BZA APPLICATION FORM - OWNERSHIP INFORMATION

To be completed by OWNER, signed before a notary and returned to The Secretary of the Board of Zoning Appeals.

I/WE BRIAN DEPORZIO
Address: 45-47 BLANCHARD RD, UNIT 1
State that I/We own the property located at 45-47 BLANCHARD RD, UNIT 1,
which is the subject of this zoning application.
The record title of this property is in the name of
*Pursuant to a deed of duly recorded in the date 1/23/2018, Middlesex South County Registry of Deeds at Book 70543, Page 407; or Middlesex Registry District of Land Court, Certificate No
Book
SIGNATURE BY LAND OWNER OR AUTHORIZED TRUSTEE, OFFICER OR AGENT* *Written evidence of Agent's standing to represent petitioner may be requested.
Commonwealth of Massachusetts, County of
The above-name Nicold Before me,
this 6 of 6
Notary
My commission expires // // // // // (Notary Seals Sea

• If ownership is not shown in recorded deed, e.g. if by court order, recent deed, or inheritance, please include documentation.

A) Requirements of the Ordinance can or will be met for the following reasons:

All requirements outlined for me by the City of Cambridge will be met. I will hold myself and in turn my business accountable to follow any regulations to prevent jeopardizing the zoning permit or variance granted. In addition, I value the opinion of the City of Cambridge, and would like to operate my business to the standard the board seeks to hold me to.

B) Traffic generated or patterns of access or egress would not cause congestion hazard, or substantial change in established neighborhood character for the following reasons:

Because I will only be caring for 1 dog at a time, over the span of a two week period, traffic generation or patterns of access or egress will not cause a congestion hazard. Minimal contact will be had between me and the owner (especially observing COVID precautions) and the owner of the dog will only be present for pick up, drop off, and the optional occasional and scheduled visit. The owner also has the option of me traveling to pick up/drop off their pet, which would eliminate any traffic completely. Our driveway is wide and can fit up to 4 cars. Our front yard is now fenced in, minimizing potential risks of transporting patient into and out of the house.

The continued operation of or the development of adjacent uses as permitted in the Zoning Ordinance would not be adversely affected by the nature of the proposed use for the following reasons:

- I will only be caring for 1 dog during any given stay for the entire lifespan of this service. This is because I hold the care I provide to the highest standard, and feel that caring for 1 dog at a time will optimize their recovery period and provide a patient to have the quality of care that I feel is required for a successful outcome. Because of this, no adjacent uses or continued operation will develop into something that could adversely affect the nature of this permit or variance.
- Nuisance or hazard would not be created to the detriment of the health, safety, and/or welfare of the occupant of the proposed use or the citizens of the City for the following reasons:

Having worked as a professional in the animal care industry for 5+ years with dogs (and wildlife) of all sizes and temperaments, I have learned in a hands on environment the various techniques and considerations that need to be accounted for or observed when working with various types of patients. Having worked specifically with post-operative patients for a canine physical rehabilitation department, I have also learned specific techniques and equipment relied on in the industry that decreases stress for the patient and aides in mobility immediately post-surgery. With this knowledge I will be able to best prepare for any given patient, observing their size, weight, temperament, and their procedure, to safely and efficiently transport them from the vehicle into my home. The same care and consideration will be use anytime the animal is taken outside to relieve his or herself in our fenced yard with clean-up to follow immediately after the pet is once

again resting comfortably. All precautions used in a professional animal hospital will be observed in my own home, and because of this the health, safety, and welfare of all occupants and citizens of Cambridge will not be harmed by the care I am providing. In addition, only caring for 1 dog at a time will also ensure that I am never overwhelmed, and can give full attention to the safety and well-being of the patient and any pedestrians, neighbors, citizens, etc.

For other reasons, the proposed use would not impair the integrity of the district or adjoining district or otherwise derogate from the intent or purpose of this ordinance for the following reasons:

Again, only caring for 1 dog at any given time will ensure that the integrity of the district/adjoining district will not be jeopardized. I hold the cleanliness of my home to a high standard, and value the well-being of my neighbors. My home will not be a nuisance to the neighborhood as it may have been if I were to host many dogs at a time, which would create a noisy, potentially messy, and hectic environment.

What I will be doing is offering a safe space for 1 animal to recover from a surgery in a calm, quiet, and clean environment, that otherwise may have suffered due to an owners disability or home life restrictions, improving conditions for citizens of Cambridge and the surrounding districts.

E)

BZA Application Form

DIMENSIONAL INFORMATION

Applicant: Brian DePorzio Present Use/Occupancy: Residence

Location: 45 Blanchard Road

Zone: Residence B Zone

Residence and Coning

Phone: 480-313-1716 Requested Use/Occupancy: Residence and Canine Postoperative Care

		Existing Conditions	Requested Conditions	<u>Ordinance</u> <u>Requirements</u>	
TOTAL GROSS FLOOR AREA:		N/A	N/A	N/A	(max.)
LOT AREA: RATIO OF GROSS		N/A	N/A	N/A	(min.)
FLOOR AREA TO LOT AREA: ² LOT AREA OF		N/A	N/A	N/A	
EACH DWELLING UNIT		N/A	N/A	N/A	
SIZE OF LOT:	WIDTH	N/A	N/A	N/A	
	DEPTH	N/A	N/A	N/A	
SETBACKS IN FEET	FRONT	N/A	N/A	N/A	
	REAR	N/A	N/A	N/A	
	LEFT SIDE	N/A	N/A	N/A	
	RIGHT SIDE	N/A	N/A	N/A	
SIZE OF BUILDING:	HEIGHT	N/A	N/A	N/A	
	WIDTH	N/A	N/A	N/A	
RATIO OF USABLE OPEN SPACE TO LOT AREA:		N/A	N/A	N/A	
NO. OF DWELLING UNITS:		N/A	N/A	N/A	
NO. OF PARKING SPACES:		N/A	N/A	N/A	
NO. OF LOADING AREAS:		N/A	N/A	N/A	
DISTANCE TO NEAREST BLDG. ON SAME LOT		N/A	N/A	N/A	

Describe where applicable, other occupancies on the same lot, the size of adjacent buildings on same lot, and type of construction proposed, e.g; wood frame, concrete, brick, steel, etc.

- 1. SEE CAMBRIDGE ZONING ORDINANCE ARTICLE 5.000, SECTION 5.30 (DISTRICT OF DIMENSIONAL REGULATIONS).
- 2. TOTAL GROSS FLOOR AREA (INCLUDING BASEMENT 7'-0" IN HEIGHT AND ATTIC AREAS GREATER THAN 5') DIVIDED BY LOT AREA.
- 3. OPEN SPACE SHALL NOT INCLUDE PARKING AREAS, WALKWAYS OR DRIVEWAYS AND SHALL HAVE A MINIMUM DIMENSION OF 15'.

From:

C Gonzalez <lcg27.email@gmail.com>

Sent:

Wednesday, June 2, 2021 6:10 PM

To:

Pacheco, Maria

Subject:

47 Blanchard Road, Cambridge, MA

Hello Ms. Pacheco,

I am the owner of 47 Blanchard Road condo, and I share property with

45 Blanchard Road where my neighbors Nick DePorzio and Katlyn Coveney reside. I am reaching out in full support of their request to obtain a post-op care permit (for one animal at a time) on their property. I know that they are respectful and lawabiding residents, and I have never had a concern as to this or any previous request they have had regarding our shared or private properties. If I can be of any assistance in your research around this case, please feel free to contact me over email or phone.

Sincerely,

L. Carolina Gonzalez 617-224-8729 47 Blanchard Road, Cambridge, MA 02138

From:

Luana Moldes-Westcott < luanamw@gmail.com>

Sent:

Sunday, June 6, 2021 6:38 PM

To:

Pacheco, Maria

Subject:

Support letter for the Healing Hound

Good afternoon,

This is my letter of support for Kaitlyn Covney in her pursuit of being able to care for animals in her home.

Kaitlyn was a co-worker of mine at a veterinarian practice, and who I proudly call a friend. Kaitlyn is a kind person, private and not one to cause any issues.

Her home would not be a kennel, but a safe and efficient place for animals, mainly dogs, to be cared for properly after illness or surgical issues that sometimes make it difficult for the families to handle.

I feel this service would be useful for the community as a two fold. The first, knowing the animal is being medical and properly cared for due to Kaitlyn's background.

The second, is peace of mind for the pet owners.

Many people can feel overwhelmed for there pet after surgical procedures and or illness.

Why not have someone who is extremely loving and competent be able to provide that service .

I have a dog of my own , that I would entrust Kaitlyn to care for in a second.

I hope this letter proves to be helpful to a truly heart felt cause.

Furthermore, I would like to add that the people living at 43 Blanchard are anything BUT neighborly and has had issues with others on this street.

Kind regards,

Luana Moldes Westcott

Sent from my iPhone

From:

chev4x4@comcast.net

Sent:

Friday, June 4, 2021 2:11 PM

To: Subject: Pacheco, Maria zoning appeal

We recently received a Board of Zoning Appeal notification on case number BZA-108452 for 45 Blanchard Rd #1. We do not support this variance to allow to provide overnight, postoperative care for canines. This is a residential area and not to be used for running a business. It would seem that any canine needing postoperative care would remain at the veterinary hospital and not in someone's home.

From:

jeff delsoin <jeffrey.delsoin@gmail.com>

Sent:

Friday, June 4, 2021 12:33 PM

To:

Pacheco, Maria

Subject:

Re: Blanchard rd veterinary pt

On Fri, Jun 4, 2021 at 12:13 PM jeff delsoin < jeffrey.delsoin@gmail.com > wrote:

I sending this message in regards to my support of this it's good for the dogs to be able to recover in a place where someone can work with them around the clock if you want more info give me a call at (617) 898-8102 thank you have a good day

From:

Sang Chin <spchin@bu.edu>

Sent:

Monday, June 7, 2021 12:58 PM

To:

Pacheco, Maria

Subject:

NO to BZA Number: 108452

Dear Sir or Madam

My wife and I want to voice our strong objection to this zoning change for vet/dog kernel... My wife and I moved to Sunset 27 Rd. as empty nesters, entering a quieter stage of our lives. We have loved our place and the quiet and peace it affords. My wife is a very light sleeper and the proposed zoning change will certainly disturb her peace..

Our neighborhood is great as it is.. Please take into account our strong wishes..

Very Respectfully,

Sang and Emily Chin

From:

Jessica Eckhardt <jessica.eckhardt@gmail.com>

Sent:

Monday, June 7, 2021 12:48 PM

To:

Pacheco, Maria

Subject:

Letter for Case number BZA-108452

Attachments:

Letter in support of Katlyn Coveney and case number BZA-108452.pdf

Good Afternoon Maria Pacheco,

Please find my letter of support attached for petitioners Brian DePorzio, Nicholas DePorzio, and Katlyn Coveney which is case number BZA-108452.

Thanks, Jessica Eckhardt

To Whom it may Concern:

I wanted to reach out on behalf of my neighbors Katlyn Coveney, Nick DePorzio and Brian DePorzio at 45 Blanchard Rd. I have lived here since before 45 Blanchard was sold, renovated, and turned into condominiums. I tend to co-exist with my neighbors and not comment on their business, good or bad. However, that changed when I received a zoom meting invite asking me to oppose the variance to allow my neighbor to provide overnight post-operative care for one dog at a time. Freedom of belief and speech is a wonderful thing — So I am exercising mine to support Katlyn's petition. I simply don't understand why neighbors have such a strong opinion on this issue which won't have any significant impact beyond that of having a second dog at a neighbors house.

Before I speak to their character, I would first like to address Katlyn's professional and educational experience and her qualifications to care for postoperative canines. Katlyn shared with me her website (https://www.thehealinghound.info/) and her passion for helping animals of all forms in need. She worked at Fresh Pond Animal Hospital, interned at Seal Rescue Ireland, and then worked as a canine rehabilitation aid in the specialty unit at MSPCA Angell West Physical Rehab. She received glowing reviews from each of these places of employment. Her main reason for transitioning care from a hospital setting to a home setting is work, life, school balance along with filling a gaping hole in the canine postoperative world. I have cared for pets after basic and routine surgeries and it is scary. She would be providing care for canines on some of the worst days of their lives and making that a bit easier and much safer for both pet and owner. If Angell West believes in her skills, we have to as well because they are at the top of their profession.

Speaking more to character, as I have come to know Katlyn and Nick, my experience is that they are respectful people who go out of their way to be good neighbors. Both seem to mirror my philosophy on life which is that when two people work out their problems for the benefit of both, it makes for a better world. None of us want to get ahead in life by putting other people down.

Other letters written opposing this petition hit me kind of hard. I have to say, I don't in any way share my other neighbors experience even though I share the other side yard with Katlyn and Nick. In the letters, I see normal neighbor-to-neighbor disputes as well as concerns and initial issues common between neighbors in a city environment. When we put ourselves in another's shoes, we can easily understand how a new neighbor might not know Cambridge's exact fire laws and how visitors might accidently park in the wrong place until corrected. In the letters, I see hate language mixed with citing disrespect for the transgender community to insinuate something that I don't believe Katlyn or Nick capable of. People can be dense and say the wrong thing even when they don't intend to, but I don't see Nick or Katlyn as disrespecting anyone's identity. Also, most dogs bark and that is quite normal. Most dogs chase things and are attracted to movement. So what the letters cite as bad behavior is really just an animal being an animal in their own backyard where it is safe for them to relax and play.

Beyond all the petty neighbor disagreements, Katlyn and Nick are asking to be allowed to provide one of the most caring and compassionate services that one person can do for an animal – overnight care for those in need in the comfort of a home. I did this for several years for humans. It actually is very similar

to care for humans such as helping them get up and be mobile, following doctor (vet)-recommended physical therapy and massage treatments, wound care, and managing medication schedules. It is hard, thankless, job and leads to many sleepless nights. But the rewards of helping someone recover in the comfort of a home (rather than a hospital, nursing home, or with ill equipped relatives) are simply amazing. Another way of looking at it - just imagine if all the nurses who worked with COVID patients decided their lives came first and did not care for patients in need? It would read like a biological horror film. I understand we are talking about animals, not humans, but COVID had a tremendous (and positive) effect on animals too. The shelters emptied out as people rushed to have companion animals while they were under quarantine. As an animal lover, it was heartwarming to hear of this response. It is no wonder that there is a need for the kind of services Katlyn and Nick want to provide. Further, just to be clear, the petition reads "to allow to provide overnight, postoperative care in my home to 1 (one) canine at a time, in need of this care." While the variance may read with the word "kennel" in it, this is distinctly not the kind of care one can obtain from a Crate Escape or even a vet like Fresh Pond Animal Hospital.

I wholeheartedly believe that Katlyn wouldn't do anything to harm another human or animal and her plan is safe, contained, and well thought out by a person who is qualified to do the work. I believe her services will become a tremendous asset for the neighborhood and one animal lovers will come to depend on for years.

Thank you very much for taking the time to read this.

Jessica Eckhardt Homeowner 51 Blanchard Rd Cambridge, MA 02138

From:

Emily C. <emilychindc@gmail.com>

Sent:

Monday, June 7, 2021 5:14 PM

To:

Pacheco, Maria

Subject:

Comment for Case No: BZA-108452

Dear Maria Pacheco (or to Whom It May Concern):

As a resident on Sunset Road, in Residence B Zone, I would like to submit a comment pertaining to Case No BZA-108452:

I am against the establishment of a Kennel in this residential zone.

Thank you, Emily Chin

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From: Nick DePorzio <ndeporzio@gmail.com>

Sent: Monday, June 7, 2021 4:01 PM

To:Pacheco, MariaCc:Wriggle's Mom

Subject: BZA-108452 Documents

Attachments: 2017.10.06_MaloneyGeospatial.pdf; lary.28590.pdf; Petition.pdf

Hello Ms. Pacheco,

I am hoping to submit a few documents in support of zoning variance petition BZA-108452. One item is a video, which I will send in a second email due to the size of the file. Here is a brief description of each item:

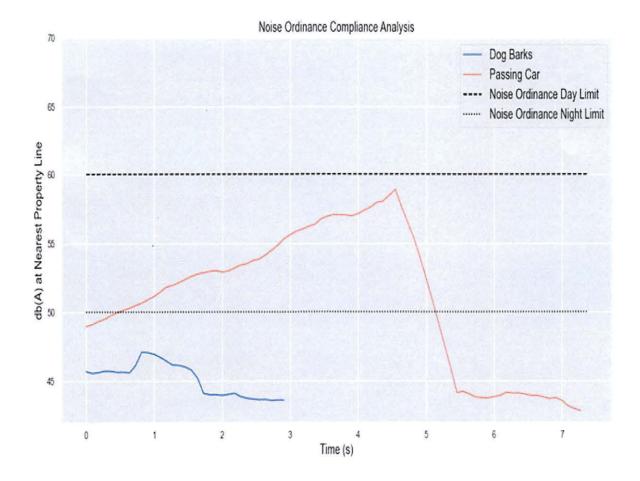
- 1) Petition.pdf Neighbors in the area of 45 Blanchard Rd in support of BZA-108452 have affixed their Name, Address, and Signature to this document. Several of these neighbors expressed that they would consider approval of BZA-108452 an enhancement to the neighborhood.
- 2) Noise_Compliant.png This plot is the result of a sound analysis carried out at 45 Blanchard Rd of a canine (Golden Retriever), like one who would be in the condition of receiving the type of care that BZA-108452 would allow, who has barked. The purpose of this document is to demonstrate that such a canine would be in compliance with the City of Cambridge noise ordinances. This document also includes data from a sound analysis of a car passing by on Blanchard Rd to demonstrate that noise generated by passing traffic would not be compliant with the noise ordinances and is indeed louder than the bark being measured.
- 3) lary.28590.pdf This is an article published in a peer-reviewed medical journal documenting the accuracy of the tools used to generate the sound analysis of document (2).
- 4) Canine_For_Scale.jpeg This is a photograph of the backyard of 45 Blanchard Rd, including a Golden Retriever canine in the photograph to give a sense of scale of the backyard space.
- 5) Tree_Near_Fence.jpeg This is a photograph of a tree on the property of 45 Blanchard Rd which is positioned very close to a fence recently installed by the abutter at 41-43 Blanchard Rd. Passerby canines in the neighborhood of 45 Blanchard Rd often use this tree to relieve themselves.
- 6) 2017.10.06_MaloneyGeospatial.pdf This is a survey of 45 Blanchard Rd conducted by a professional surveyor. It documents the exact dimensions of the yards surrounding the building.
- 7) Not_Barking.mov This is a video that will be attached to a follow-up email. Its purpose is to document the canine currently licensed at 45 Blanchard Rd not reacting to pedestrian passerby at 45 Blanchard Rd.

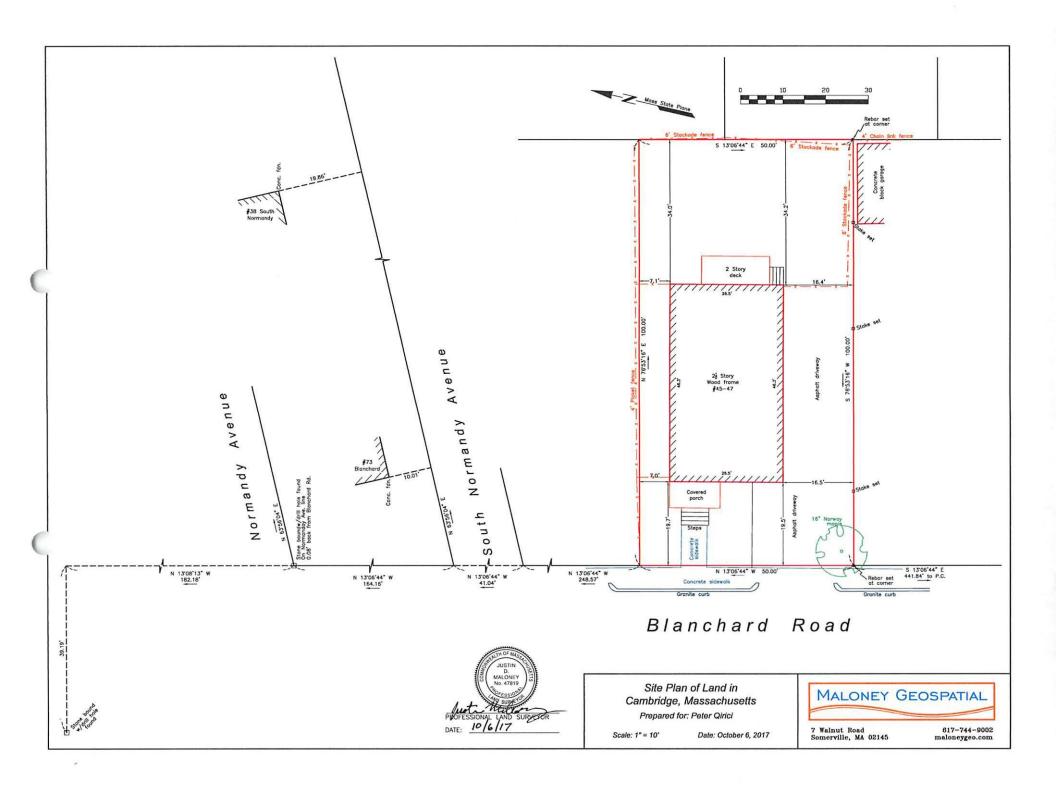
Thank you for your time and help processing these files. Please feel free to reach out if you have any questions.

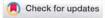
In Appreciation, Nicholas DePorzio











The Laryngoscope © 2020 The American Laryngological, Rhinological and Otological Society, Inc.

The Accuracy of iPhone Applications to Monitor Environmental Noise Levels

Eleanor Crossley, MRCS (ENT), MBChB, BMedSci ; Tim Biggs, MB, BCh, DOHNS, PhD; Phillip Brown, MBBS, DM;

Tahwinder Singh, PhD, MD, MS, MMedSci, FRCS, MRCGP, BSc (Hons), LLB, GDL, FHEA

Objective: The Control of Noise at Work Regulations came into force in Great Britain in 2005, requiring all work environments to be monitored for potentially harmful noise exposure levels. This study evaluated the effectiveness of a number of iPhone phone applications (apps) (Apple, Cupertino, CA) to accurately measure noise exposure, which may prove effective when a specialist-calibrated sound level meter is not readily available.

Methods: Suitable apps were identified using the search terms *noise* and *decibel* through the App Store (Apple). Apps that were free to download and had at least one rating were included. Apps were evaluated using a calibrated pure tone sound field and a soundproof testing booth. A 3-frequency audiogram (1000 Hz, 2000 Hz, and 4000 Hz) was used at 25 dB, 40 dB, 55 dB, 70 dB, and 85 dB. Linear regression was carried out to assess accuracy.

Results: Nine apps were tested in total, with four out of nine providing a goodness-of-fit coefficient (R^2 value) over 0.9. The most effective app was found to be the NIOSH (National Institute for Occupational Safety and Health) Sound Level Meter (EA LAB, Slovenia) with an R^2 of 0.97. The least effective app was the Decibel Meter With Recorder (Jianhua Ming, China) with an R^2 of 0.62.

Conclusion: This study has shown significant variation in the ability of iPhone apps (Apple) to accurately predict environmental dB levels. However, if the correct app is used, an iPhone represents a relatively reliable means of measuring noise exposure levels when a specialist calibrated sound level meter is not readily available.

Key Words: Noise, occupational, hearing loss, noise-induced, audiology.

Level of Evidence: NA

Laryngoscope, 131:E59-E62, 2021

INTRODUCTION

Occupational hearing loss is one of the most common occupational diseases in developed countries. In the United States, the National Institute for Occupational Safety and Health regularly undertakes research and makes recommendations to prevent work-related health issues.2 Similarly, in Great Britain The Control of Noise at Work Regulations came into force in 2005, requiring all work environments in Great Britain to be monitored for potentially harmful noise exposure levels.3 These were established under the Health and Safety at Work Act 1974 and comply with the European Council directive 2003/10/EC.3 The regulations set a "lower exposure action value" that necessitated information and training if personal daily or weekly noise exposure levels exceeded 80 dBA (decibels A-weighted) and an "upper exposure action value" that required hearing protection interventions if averaged exposure exceeded 85 dBA.3 (p4)

From the University Hospital Southampton NHS Foundation Trust (E.C., T.B., P.B., T.S.), Southampton, United Kingdom.

DOI: 10.1002/lary.28590

Traditional sound level meters are deemed to provide an accurate means of objective assessment of noise levels. However, sound level meters can be costly, especially for small businesses, and require maintenance and calibration. These factors may limit the feasibility of noise exposure monitoring and therefore pose a barrier to employers conducting such risk assessments. The increased monitoring mandated by occupational regulations and health education may increase public awareness of noise-induced hearing loss and thus encourage self-monitoring of environmental noise exposure levels.

Pilot and expanded studies have demonstrated that the technology available with phone applications (apps) is improving. Appropriately calibrated apps may provide an easily accessible alternative to professional noise-monitoring instruments and increase awareness of harmful noise levels together with aiding research. 4,5 There have been a number of studies examining the use of iPhone (Apple, Cupertino, CA) applications to measure environmental noise exposure levels, with varying success.4-8 The difference in app performance using the same phone highlights the importance of the software in enabling accurate noise level monitoring. This study was undertaken as an update to previous studies while utilizing newer phone technology to identify improvements. We also wished to use purely free-to-download apps as a means of testing solutions to noise level monitoring for less developed areas of the world.

The authors have no funding, financial relationships, or conflicts of interest to disclose.

Editor's Note: This Manuscript was accepted for publication on February 4, 2019.

Send correspondence to Eleanor Crossley, MRCS (ENT), MBChB, BMedSci, Tremona Road, Southampton, SO16 6YD, United Kingdom. E-mail: eleanor.crossley@doctors.org.uk

TABLE I.
Summary Statistics for All iPhone Apps Evaluated, in Order of Star Rating.

iPhone App	Star Rating	Number of Ratings	Number of Languages	Manufacturer	Original Year on App Store	A-Weighting Specified or Not
Decibel X: dB, dBA Noise Meter	4.6	7210	12	Sky Paw Co. Ltd, Hanoi, Vietnam	2017	Not specified
NIOSH Sound Level Meter	4.6	148	2	EA LAB, Ljubijana, Slovenia	2017	A-weighted
Audio Spectrum Analyzer dB RTA	4.6	92	9	Elena Polyanskaya, Moscow, Russia	2017	A-weighted
Decibel Meter With Recorder	4.6	126	8	Jianhua Ming, China	2015	Not specified
Decibel: dB, dBA Sound Meter	4.5	1400	11	Vlad Polyanskiy, Kiev, Ukraine	2018	A-weighted
Decibel Meter Sound Detector	4.3	11	1	Ashraf Thoppukadavil, Unknown	2017	Not specified
Decibel Meter Master	4.1	37	3	Yanhui Feng, Unknown	2017	Not specified
Decibel-Accurate db Meter	3.5	35	6	Xiangyi Liu, Unknown	2016	Not specified
dB Volume	2.7	12	4	DSP Mobile, Werder, Germany	2011	A-weighted
Sound Meter-Decibel Meter	2.6	9	1	LQH Apps, Unknown	2016	Not specified

MATERIALS AND METHODS

An iPhone version 6 (Apple) using software iOS version 12.3.1 was used during the study. The phone was used without a protective cover, thus optimizing microphone accuracy. The same phone was used throughout.

Sound-level apps written for the iOS platform have previously been identified as superior to those on the Android platform. Accordingly, and in conjunction with available resources, the Apple App (application) Store (Apple) was searched for the terms noise and decibel in March 2019, identifying possible apps for study inclusion. All apps that were free to download had at least one rating, and decibel measurements were included. Many of the free to download apps offered in-app purchases or had advertisements. Only the standard free to download version of the app was used; no included add-ons or advertised content was purchased. This was in order to provide the simplest representation of the accuracy of free-to-download apps. To replicate the setup of many environments, especially in lower-resource settings, the apps were not calibrated. Most apps did not offer a

choice of weighting, but A-weighted decibel recordings were used where available.

Data were gathered on 2 testing days during March 2019. The outpatient calibrated sound attenuating room in the Royal South Hampshire Hospital, Southampton, UK, was used, with the assistance of a qualified audiologist. During testing, in a reverberant sound chamber, the iPhone (Apple) was placed on a table equidistant from the test speakers, thus simulating where a child would sit during a free-field audiogram. A three-frequency industry standard audiogram was conducted. At each frequency (1000 Hz, 2000 Hz, and 4000 Hz), pure tone free-field hearing levels of 25 dB, 40 dB, 55 dB, 70 dB, and 85 dB were delivered. The investigator noted the app readings with sampling at 5-second intervals, taking three readings at each sound level.

Results were analyzed using Graphpad Prism version 7 (GraphPad Software, Inc., San Diego, CA), with linear regression analysis and goodness-of-fit values (\mathbb{R}^2) calculated for each app separately. The closer the \mathbb{R}^2 value is to 1, the more predictive the app is of the detected true noise thresholds.

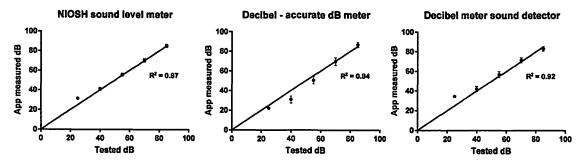


Fig. 1. Combined 1 kHz, 2 kHz, and 4 kHz mean frequency values (SD error bars) of app-measured dB levels plotted against true test dB levels. Line indicates expected values. Goodness of fit (R^2) , linear regression, and values displayed. SD = standard deviation.

Laryngoscope 131: January 2021

TABLE II.

Mean Noise Level Readings and Goodness-of-Fit Evaluation. Mean values were calculated for each frequency and decibel using an average of all three readings.

		25 dB Mean (SD)	40 dB Mean (SD)	55 dB Mean (SD)	70 dB Mean (SD)	85 dB Mean (SD)	Goodness of Fit R ²
First	NIOSH Sound Level Meter	30.0 (3.3)	40.7 (1.6)	55.5 (1.7)	70.3 (1.7)	85.2 (1.6)	0.97
Second	Decibel-Accurate dB Meter	23.0 (1.4)	33.2 (5.6)	51.5 (4.0)	69.8 (3.7)	86.2 (2.4)	0.94
Third	Decibel Meter Sound Detector	32.1 (4.8)	41.6 (2.5)	56.2 (2.8)	71.0 (2.4)	83.6 (2.0)	0.92
Fourth	Decibel	31.3 (4.2)	38.0 (2.9)	51.3 (4.6)	69.4 (4.0)	83.5 (2.8)	0.92
Fifth	Audio Spectrum Analyzer db RTA	30.7 (3.8)	38.4 (2.3)	51.5 (3.8)	66.3 (4.0)	79.1 (4.5)	0.86
Sixth	Decibel Meter master	21.9 (2.1)	30.7 (7.6)	44.8 (9.4)	67.5 (8.4)	86.7 (9.6)	0.82
Seventh	dB Volume	34.6 (6.4)	39.6 (1.3)	51.4 (3.3)	65.9 (3.6)	81.0 (3.4)	0.79
Eighth	Decibel X	36.2 (7.4)	41.4 (0.9)	52.5 (1.8)	67.1 (2.3)	81.9 (2.1)	0.77
Nineth	Decibel Meter With Recorder	6.4 (12.4)	16.3 (16.7)	40.5 (12.5)	66.4 (8.0)	87.8 (4.4)	0.62

NIOSH = national institute for occupational safety and health; SD = standard deviation.

RESULTS

In total, nine iPhone (Apple) apps were assessed. Apple Store (Apple) star ratings ranged between 2.7 and 4.6 (Table I). The apps had between nine and 7,210 user ratings at the time of testing. The NIOSH (National Institute for Occupational Safety and Health) Sound Level Meter (EA LAB, Slovenia), which had the greatest R² value in this study, was one of four apps to have the highest rating score of 4.6 out of 5. However, it had 148 ratings at the time of testing, which was considerably lower than the ratings of some of the other apps tested (maximum of 7,210 ratings).

Most of the apps demonstrated a good internal consistency with each of the three sampled data points in close proximity. Figure 1 demonstrates this with narrow standard deviation error bars. Four of the nine apps were deemed accurate with an R² value over 0.9 (Fig. 1). The most effective app tested was the NIOSH Sound Level Meter with an R² of 0.97. The least effective app was the Decibel Meter With Recorder (Jianhua Ming, China) with an R² of 0.62. Table II summarizes the mean noise readings for each app as well as the goodness-of-fit coefficient in order of effectiveness (highest R² placed first; lowest R² placed last). The majority of inaccuracies specifically involved detecting lower noise exposure levels 25 and 40 dB.

DISCUSSION

This study has shown the potential accuracy of an iPhone (Apple) in measuring noise exposure levels. This is particularly relevant to small businesses, which require noise monitoring but may not have access to a calibrated sound level meter, or to those working in remote locations. Interestingly and rather surprisingly, the software used was important for accuracy, highlighting the importance of selecting the correct application for optimal noise monitoring.

In order to comply with The Control of Noise at Work Regulations 2005, employers must be able to assess noise exposure levels.³ However, in the absence of a traditional sound level meter, this is likely to prove

challenging. Ibekwe et al. suggested that the phone apps tested produced readings within acceptable error limits for type 2 sound level meter devices. However, even such small inaccuracies can be of clinical significance; NIOSH recommended that a 3 dB increase in sound level can halve the safe listening time.² Similarly, a 10-year study by Rabinowitz et al. reported that most preventable occupational hearing loss occurred in employees with noise exposure levels averaging 85 dB or less, which is very close to the defined limits identified by The Control of Noise at Work Regulations 2005.3,10 Thus, accurate and consistent readings are crucial in the assessment of noise exposure levels, especially in occupational settings where individuals can be exposed for prolonged periods of time. This study highlights the accuracy of the NIOSH Sound Level Meter app, which was within 0.7 dB of tested levels from 40 to 85 dB. For occupational noise exposure, accurately measuring high noise thresholds is arguably more important than the lower thresholds due to the limits in noise exposure levels and requirements to the employer to provide protection above 80 dB.

In contrast to the study by Nast et al., the inaccuracies identified in this study tended to suggest underreporting of noise exposure levels, which is of clinical concern.7 The Nast et al. methodology dictated that they only tested the top-rated app in each price bracket, using consumers' ratings as proxy for the best app. The most accurate app in this study (NIOSH Sound Level Meter) held the joint highest rating of 4.6 with three other apps but had just 148 ratings. In comparison, the app with the highest consumer rating and the highest number of ratings demonstrated the second worst R2 value in our study. Consumer-led ratings are undoubtedly used by other consumers, but this study suggests that a high number of ratings does not necessarily correlate with improved effectiveness or accuracy. Of note, the two apps with the highest consumer ratings were produced by Apple-paid advertisers.

Authors have advocated the testing of the available phone apps in comparison to calibrated sound level meters.¹¹ This study has responded to these concerns and provided objective evidence of phone apps' accuracy

Crossley et al.: iPhone Apps Monitoring Noise Exposure

in comparison to a calibrated sound augmenting room. arguably the most trusted and routinely used form of sound level assessment. This study has only evaluated free-to-download apps, which are not routinely calibrated. It is possible that apps that charge consumers and allow calibration, including available advanced versions of the apps tested, may provide more accurate noise level assessments. However, this study assessed the most accessible apps so these were not evaluated in this study.

CONCLUSION

The NIOSH Sound Level Meter, produced by the National Institute for Occupational Safety and Health (Washington, D.C.), was the most accurate iPhone (Apple) app in this study. This study has demonstrated that free-to-download iPhone apps can provide an accessible, cost-effective, and reliable form of noise level assessment. This may help small businesses ensure they are compliant with The Control of Noise at Work Regulations 2005 and also may be useful for individuals who wish to objectively evaluate their noise exposure at work and recreationally. iPhone apps (Apple) may also provide a solution in geographically remote locations where maintenance and regular calibration of traditional sound level meters may not be

ACKNOWLEDGMENT

The authors would like to thank the audiologists at Royal South Hampshire Hospital, Southampton, U.K., for their assistance with this study.

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Board of Appeal (BZA) Special Permit/Variance 108452

"I **support** Board of Appeal (BZA) Special Permit/Variance 108452, in which Katlyn Coveney requests to provide overnight, postoperative care in her home to 1 (one) canine at a time, in need of this care."

Support

Name	Address	Signature	
Becky Harmon	7 5. Normandy Are	Buy Hann	
Marz B. Sulliman	Cambridge MA 02	38 Ma 0 88	
MARHARET F. ELAHERTY	32 S Warranghi	NP.	
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Chris Perig	30 Sunser Rd	ary	
Vicki Mistacco	28 Sunget Rd	Vium Histacco	
Joseph Gazzana	21 Sunset	2 Doyah	
Catherine Juffe	5 Sunset Rd	Catheine Trype	
Allison Haley	25 Grisword St	Armley	
JOHN KOSKO	16 Griswold St.	John Mosks	
Collin Mullen	52 Griswold SI	Calin Mulen	
Di lita	56 beiswoldst	Dubbs	

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Support

Address	Signature
64 Gaswold St	1 tom Sage
88 Grisuods	200
n 98 Griswald.	Cong Collaran
	/
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	*
	,

45 Blanchard St.

BZA-108452
Supporting stat.

- A) This variance will allow the petitioner to support herself and her family, through offering a service that will not only benefit the community, but also take advantage of the particular skill set in carsshing for postoperative canine patients in need. Without the variance, the petitioner will need to find another source of income, and financial hardship may result because of this.
- B) The general public will not be negatively affected by the granting of this permit due to the one-on-one care provided by the petitioner. It is my understanding that this type of service is banned due to potentially noisy or unsanitary conditions that could cause harm or annoyance to neighbors or other community members. Because of the nature of this service, it is pertinent that the patient stay clean to heal postoperatively. Also, only caring for one canine at any given time will limit noise to no more than if there was an elderly, resting dog present in the home, as the pain medication and sedatives will render the postoperative dog quite tired, and therefor quiet.
- C) No detriment will be caused to the public for the reasons listed above. Additionally, the care provider has experience in the field working for Angell Animal Medical Center's physical rehabilitation department, training under doctors of canine physical rehab. This hands on experience with dogs of all sizes and ailments will also add a measure of safety, both for the patient and the community.
- D) Because I will be following the same healthy and safety measures as a specialty hospital, while only caring for one dog at a time, neither noise nor unsanitary conditions that could negatively disturb the public will occur at any point in time due to the granting of this variance.

From:

Katlyn Coveney < ktcoveney@gmail.com>

Sent:

Thursday, May 27, 2021 6:35 PM

To:

Pacheco, Maria

Subject:

Sign photos

Attachments:

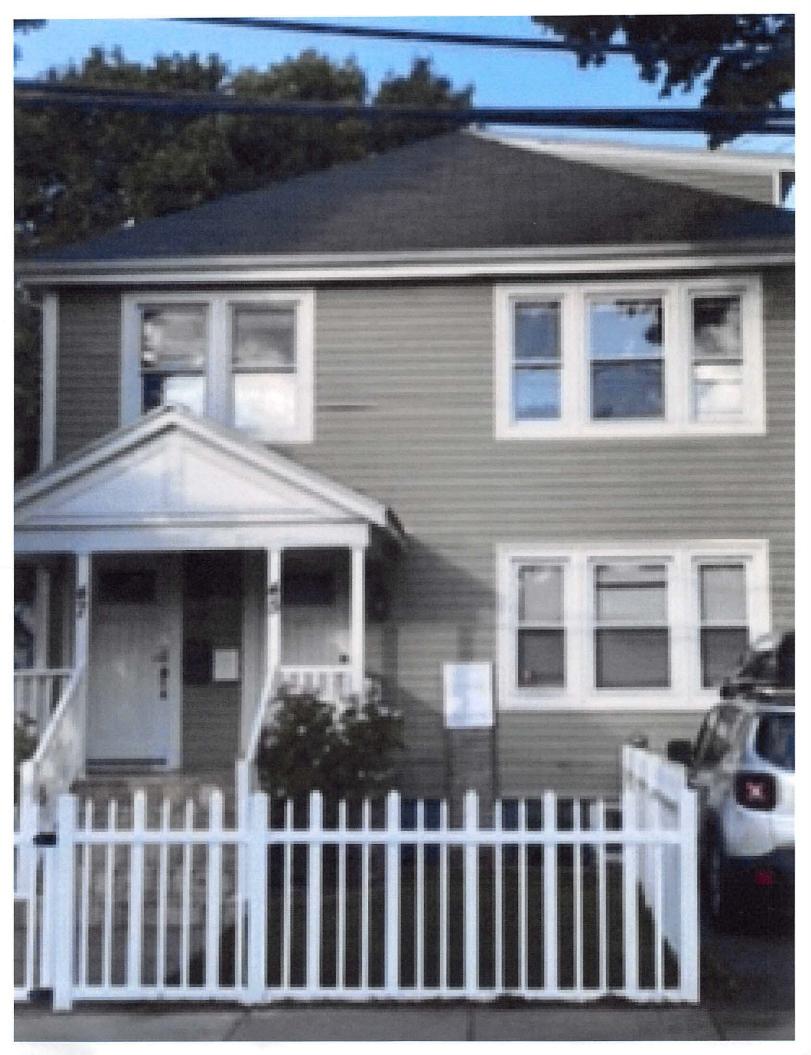
F7C8FE7D-35CE-44DE-BF27-98BC553CA223.jpeg;

F5F3840D-29FD-42D8-8DA2-07E309527F90.jpeg

Hi Maria,

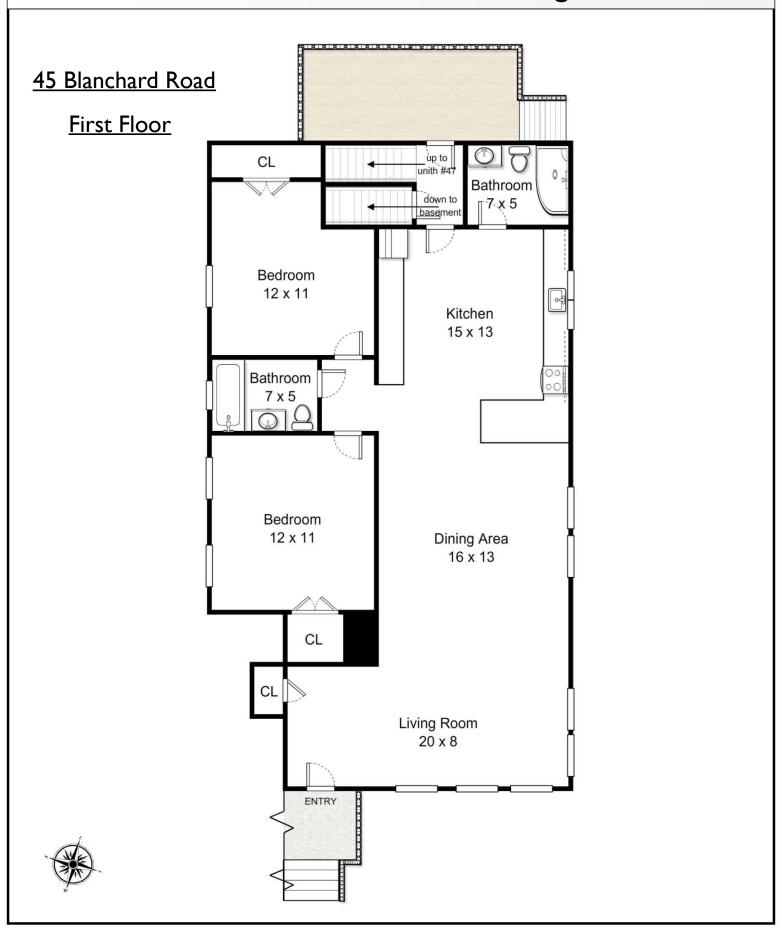
I have attached photos of the sign in our front yard. Please let me know if anything needs adjusted!

Thank you! Katlyn Coveney





45-47 Blanchard Road, Cambridge MA





Bza Members

City of Cambridge

MASSACHUSETTS

BOARD OF ZONING APPEAL

831 Mass Avenue, Cambridge, MA. (617) 349-6100

BZA

POSTING NOTICE – PICK UP SHEET

The undersigned picked up the notice board for the Board of Zoning Appeals Hearing.

Name: Nicholas Deportio	Date: <u>5/27/2</u> /
Address: 45 Blanchard	Rd. #1.
Case No	
Hearing Date: 6/10/21	
Thank you,	





To Whom it May Concern:

Katlyn is very thoughtful, capable, and professional. She truly loves her patients and treats them as though they were her own. Katlyn was a pleasure for me to work with, both in her sweet disposition and gentle, skilled treatment of the patients. She understands that the strict requirements necessary for immediate post-operative care can often be difficult to perform at home depending on one's schedule, home environment, and/or physical abilities. Katlyn can adhere to these requirements and provide high quality post-operative care with the ability to make a big difference in long-term recovery.

Dr. Jenny Palmer, DVM, CCRT at Angell West Physical Rehab

267A-254 39 South Normandy Ave 267A-254 267A-177 28 South Normandy Ave 267A-251 267A-179 75 Blanchard Rd 267A-153 18 South Normandy Ave 267A-250 267A-181 29 South Normandy Ave 267A-221 12 South Normandy Ave ROAD 23 South Normandy Ave 267A-253 73 Blanchard Rd 267A-152 267B-204 South Normandy Ave 267A-241 17 South Normandy Ave 267B-187 267A-252 267B-217 7 South Normandy Ave 44 Sunset Rd 267A-229 267B-98 71 Blanchard Rd 267A-231 45 Sunset Rd 267B-195 42 Sunset Rd 267B-218 267B-173 267B-196 65 Blanchard Rd 267B-2 34 Sunset Rd^{267B-184} 267B-174 67 Griswold St 267B-197 30 Sunset Rd^{267B-181} 267B-175 59 Blanchard Rd^{267B-5} 65 Griswold/St 267B-198 267B-182 267B-180 55 Blanchard Rd267B-6 27 Sunset Rd Sunset T power 33-160 49 Blanchard Rd51 Blanchard Rd 22 Sunset Rd 55 Griswold St 267B-201 267B-214 Ø 267B-183 267B-88 21 Sunset Rd Z 47 Blanchard Rd 267B-199 267B-202 267B-213 15 Sunset Rd 267B-200 67B-50 43 Blanchard Rd 267B-13 267B-176 41 Blanchard Rd 10 Sunset Rd8 Sunset Rd 11 Sunset Rd 267B-143 267B-15 267B-47 20/4 37 Blanchard Rd 44 Griswold St 267B-145 5 Sunset Rd 33 Blanc<mark>hard Rd^{267B-18}</mark> 40 Griswold St 267B-209 222 25 Griswold St. S 29 Blanchard Rd 267B-147 36 Griswold St 267B-222 25 Blanchard Rd 267B-22 30 Griswold St 267B-211 23 Blanchard Rd 267B-23 267B-221 23 Griswold St 24 Griswold St 19 Griswold St₁₇ Griswold St 267B-212 19 Blanchard Rd267B-25 17 Blanchard Rd 267B-37 22 Griswold St20 Griswold St 267B-177 267B-216 267B-158 267D-339 267B-6 GREEN, CHERYL & STANTON V. GREEN 55 BLANCHARD RD CAMBRIDGE, MA 02138

267B-13 MURPHY, LORRAINE M. C/O BLANCHARD RD CONDO TRUST 43 BLANCHARD ROAD CAMBRIDGE, MA 02138

267B-214 ECKHARDT, JESSICA M. 49-51 BLANCHARD RD CAMBRIDGE, MA 02138

267B-201 CHIN, SANG H. EMILY S. CHIN 25-27 SUNSET RD CAMBRIDGE, MA 02138

PARCEL 22-160 SAI TE TAN N 218-220 BLANCHARD ROAD BELMONT, MA 02478 267B-198 KEATING, JUDITH, A LIFE ESTATE 29 SUNSET RD CAMBRIDGE, MA 02138

45 Blanchard Rd.

267B-13 YUAN, NINA H. 41-43 BLANCHARD RD., UNIT #41 CAMBRIDGE, MA 02138

267B-213 147 E. BLANCHARD ROAD LLC, 2200 E. WILLIAMS FIELD RD#200 GILBERT, AZ 85259

267B-15 BOROCHIN, MARGARITA DANIEL USTAYEV 37 BLANCHARD RD CAMBRIDGE, MA 02138

PARCEL 22-168 JACKIE P. McCONNELL 246 BLANCHARD ROAD BELMONT, MA 02478 KATLYN COVENEY 45 BLANCHARD ROAD CAMBRIDGE, MA 02138

267B-50 JAMIOL, EDWARD S. & DIANE M. JAMIOL 15 SUNSET RD CAMBRIDGE, MA 02138-1022

267B-213 GONZALEZ, LIZZETH CAROLINA & ANTONIO LOBO PIRES 47 BLANCHARD RD. UNIT. 2 CAMBRIDGE, MA 02138

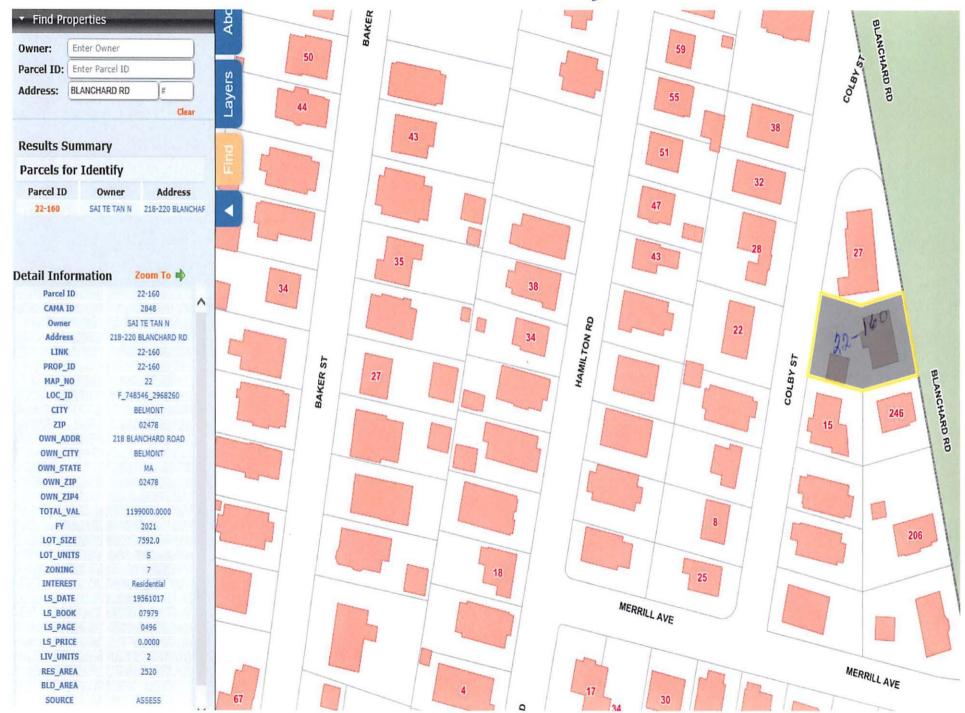
267B-202 GAZZANA, JOSEPH A. & JUDITH E. GAZZANA 10 OAK STREET SAUGUS, MA 019063623

PARCEL 22-166 GARNICK NSHANYAN TR. OF 206 BLANCHARD ROAD 301 174TH STREET – UNIT 304 SUNNY ISLE BEACH, FL 33160

Belmout Map



Belmont



Belmont



Belmont



Kayden Conelly 43 Blanchard Rd. Cambridge, MA 02138

Board of Zoning Appeal 831 Massachusetts Avenue Cambridge, MA 02139 mpacheco@cambridgema.gov

June 1, 2021

RE: <u>Case #BZA-108452 – Violation Art. 4.000, Sec 4.3.5.L (Veterinary Establishment, Kennel, Pet Shop or Similar Establishment).</u>

To the Board of Zoning Appeal:

I live at 43 Blanchard Rd in Cambridge. I am concerned that my neighbors at 45 Blanchard Rd want to open a dog kennel next door. They've lived next to us for four years and based on everything I've witnessed; I don't think they can competently run a dog kennel. In 2019 they built a fire pit in their back yard. It was under the branches of a tree that was growing on the border of their yard. My friend and I saw them light a fire. The flames were pretty large and far too close to the tree. I'm concerned that people who have no concern about fire safety could be in charge of other people's dogs.

I'm also concerned about how little space the dogs in this proposed kennel would have. Their back yard is not big and they share it with a number of other people. They also have at least one big dog. I don't think there will be enough space for other dogs.

There is a dog daycare center called Crate Escape about five minutes up the road from us at 30 Brighton Street in Belmont. It has at least twice the lawn space. It has a proper space for the dogs and the surrounding buildings aren't residential.

We just put up a new fence and I put my transgender flag on it the same day. Our neighbors dislike the fence, but I still put my flag up. They had their dog urinate on our fence. I plan to put up more banners for gay and trans pride and other causes. It seems likely they might have other dogs do the same. I hope you take my concerns seriously and not grant the permit.

Sincerely,

Saydin Conelly

Kayden Conelly

Lorraine Murphy 43 Blanchard Rd. Cambridge, MA 02138

June 1, 2021

Board of Zoning Appeal 831 Massachusetts Avenue Cambridge, MA 02139 mpacheco@cambridgema.gov

RE: <u>Case #BZA-108452 – Violation Art. 4.000, Sec 4.3.5.L (Veterinary Establishment, Kennel, Pet Shop or Similar Establishment).</u>

To the Board of Zoning Appeal:

As of 2013 I have owned and continue to reside at 43 Blanchard Rd, Cambridge, MA 02138. I am also a Cantabrian, born and raised in North Cambridge. I am opposed to the petitioners requested zoning change.

As of 2017, the petitioners walked their dog on our front lawn allowing him to urinate on it even after I asked them not to. The petitioners have also used our property to park their automobiles along with any guests or vendors all the while causing damage even though I asked them not to.

October, 2019 the petitioners built a huge fire pit in their back yard and lit it up. We explained that they were illegal because they could catch fire to a house and to please put it out. We pointed out the tree branches hovering over and the sparks that were flying. They still refused and were actually quite angry at us. I had to call the CFD and they had them extinguish it and destroy it.

The dog that lives with the petitioners will bark continuously whenever any neighbors pass by or they decide to go to outside on their porch or yard.

We at 41/43 finally had the funds to have a fence installed this past May, 2021 to have clear set boundaries. Within 48 hours they had the audacity to guide their dog to the new fence so that he could urinate on it.

Please also note, we bought this condominium because of the family neighborhood and how it is currently zoned. We have my parents, adult children and young grandchildren that visit us. It's a family home. 43 Blanchard is only 22' away from 45 Blanchard and are both ground floor units. We would like peaceful neighbors and this change would ultimately cause more harm.

Lorraine M. Murphy

Patrick L. Conelly 43 Blanchard Rd. Cambridge, MA 02138

Board of Zoning Appeal 831 Massachusetts Avenue Cambridge, MA 02139 mpacheco@cambridgema.gov

June 1, 2021

RE: <u>Case #BZA-108452 – Violation Art. 4.000, Sec 4.3.5.L (Veterinary Establishment, Kennel, Pet Shop or Similar Establishment).</u>

To the Board of Zoning Appeal:

I am the co-owner and resident of 43 Blanchard Rd in Cambridge, Massachusetts and oppose the petitioners requested zoning change. I find no reasonable explanation for the proposed changes, other than an intent to minimize the expense of operating a veterinary business.

Based on their pet's behavior, they appear to have inadequate canine management skills. Apparently, prior to petitioning the Board of Zoning Appeal, they did not discuss their proposals with the other neighborhood residents. This makes their proposed changes appear abrupt and insufficiently considered.

Sincerely,

Patrick L. Conelly

Pacheco, Maria

From:

Katlyn Coveney < ktcoveney@gmail.com>

Sent:

Tuesday, June 1, 2021 4:07 PM

To:

Pacheco, Maria

Subject:

Re: Sign photos

Attachments:

IMG_0769 2.jpg; IMG_6244.JPG; IMG_1363.jpg

Hi Maria,

Great, a few neighbors will be sending some letters of support this week! I have attached some photos of me working with previous patients and here are some testimonials from doctors and a client I have worked with.

"Katlyn was one of the primary physical rehabilitation aides for our 15+-year old lab mix at a facility in Waltham, MA. Besides the usual 'old age' issues of arthritis and mild stiffness, our pup was diagnosed with degenerative myelopathy, which caused him to lose feeling in his back legs, resulting in difficulty walking and slow muscle loss. Katlyn provided weekly manual therapy techniques, including stretching and massage, along with bi-weekly hydrotherapy in the AquaPaws underwater treadmill. She was incredibly patient with our boy (who is not the biggest fan of 'hands-on' treatment) during his manual sessions, gently speaking to him and keeping him calm and comfortable as she worked through each and every muscle group from head to toe; on the treadmill, she was diligent in sustaining his movements without causing him to overexert himself, all the while being encouraging and upbeat. Prior to each session, Katlyn performed a brief physical assessment of our dog to better structure his appointment to his capabilities that particular day. She was knowledgeable and up-to-date about all the processes and kept me informed of what she was doing and why. We noticed improvement with our buddy after just a few visits! We absolutely loved our interactions with Katlyn and looked forward to seeing her every week, as she exuded the most positive attitude and showed our dog so much love. We miss her and hope someday our paths will cross again!"

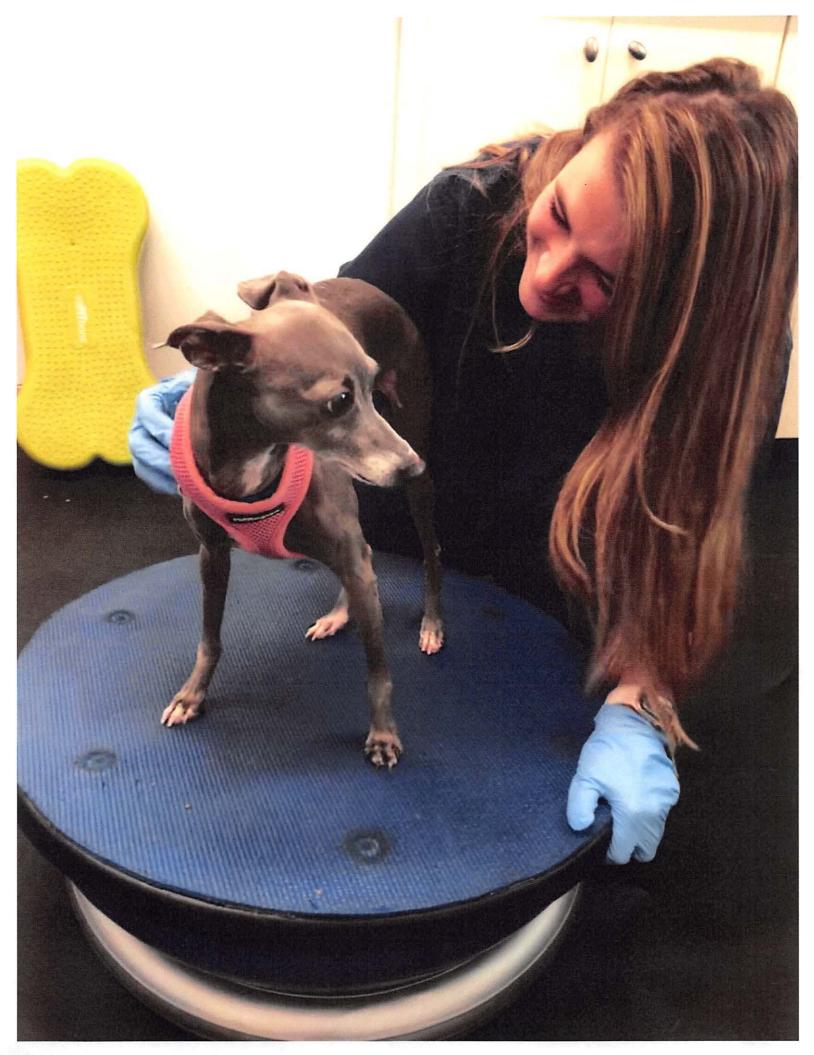
-Elise Smith, Dog Mom & Former Client

"I had the pleasure of working with Katlyn at Seal Rescue Ireland, where she worked as a rescue and rehabilitation intern. She was always eager to learn, and was consistently thorough and caring when providing for our seal pups. Together we medicated, tube fed, bathed, and treated wounds for many orphaned and injured seals. I know Katlyn will show any animal in her care the same high standard of treatment that I witnessed, and cannot recommend her highly enough as an animal care provider."

-Dr. Kinga Katona, DVM

"Katlyn is very thoughtful, capable, and professional. She truly loves her patients and treats them as though they were her own. Katlyn was a pleasure for me to work with, both in her sweet disposition and gentle, skilled treatment of the patients. She understands that the strict requirements necessary for immediate post-operative care can often be difficult to perform at home depending on one's schedule, home environment, and/or physical abilities. Katlyn can adhere to these requirements and provide high quality post-operative care with the ability to make a big difference in long-term recovery."

-Dr. Palmer, DVM, CCRT at Angell West Physical Rehab









Certificate of Completion

THIS CERTIFIES THAT

Katlyn Coveney

Has successfully completed Fear Free Certification Program

This program 1135-42226 is approved by the AAVSB RACE to offer a total of 9 CE Credits (9 max) being available to any one veterinarian: and/or 9 Veterinary Technician CE Credits (9 max). This RACE approval is for the subject matter categories of: Medical using the delivery method of Interactive-Distance. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements, RACE does not "accredit" or "endorse" or "certify" any program or person, nor does RACE approval validate the content of the program.

March 31, 2020

Certification Date

9

Number of Credits Completed

Mr. Mady Boden

fearfreepets.com

Fear Free, LLC, 2420 17th St., Denver, CO 80202



Pacheco, Maria

From:

Katlyn Coveney ktcoveney@gmail.com

Sent:

Tuesday, June 1, 2021 4:07 PM

To:

Pacheco, Maria

Subject:

Re: Sign photos

Attachments:

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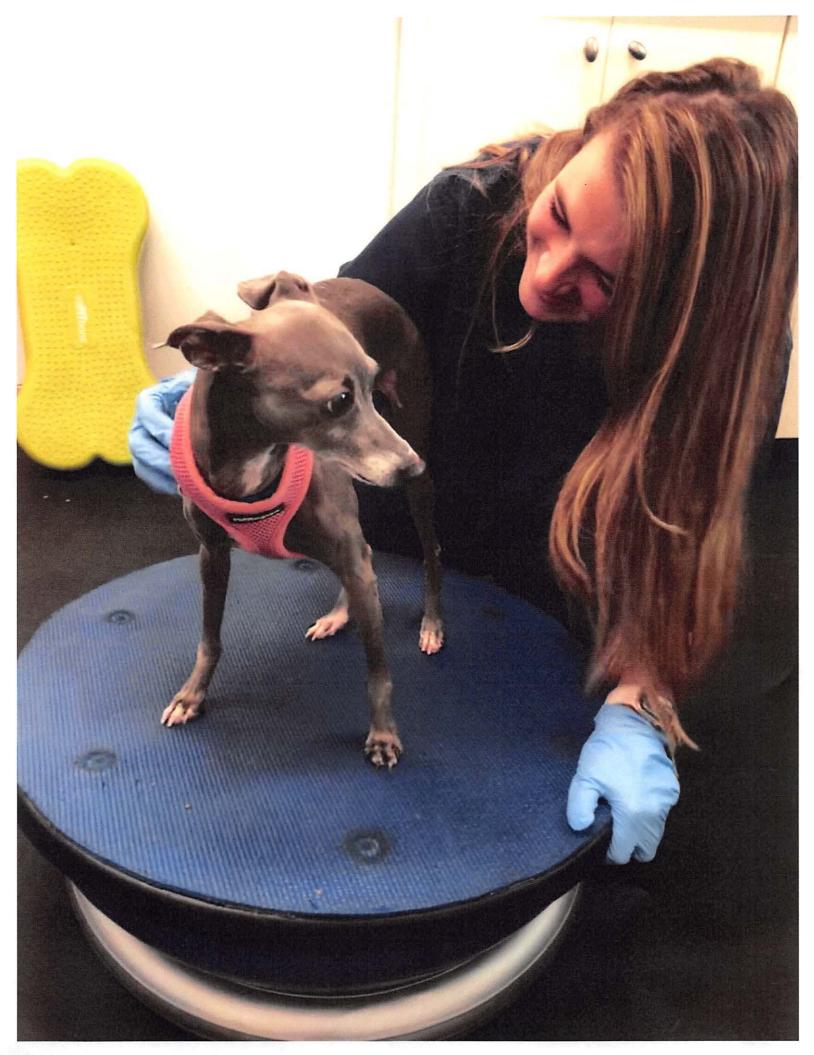
-Elise Smith, Dog Mom & Former Client

"I had the pleasure of working with Katlyn at Seal Rescue Ireland, where she worked as a rescue and rehabilitation intern. She was always eager to learn, and was consistently thorough and caring when providing for our seal pups. Together we medicated, tube fed, bathed, and treated wounds for many orphaned and injured seals. I know Katlyn will show any animal in her care the same high standard of treatment that I witnessed, and cannot recommend her highly enough as an animal care provider."

-Dr. Kinga Katona, DVM

"Katlyn is very thoughtful, capable, and professional. She truly loves her patients and treats them as though they were her own. Katlyn was a pleasure for me to work with, both in her sweet disposition and gentle, skilled treatment of the patients. She understands that the strict requirements necessary for immediate post-operative care can often be difficult to perform at home depending on one's schedule, home environment, and/or physical abilities. Katlyn can adhere to these requirements and provide high quality post-operative care with the ability to make a big difference in long-term recovery."

-Dr. Palmer, DVM, CCRT at Angell West Physical Rehab









Certificate of Completion

THIS CERTIFIES THAT

Katlyn Coveney

Has successfully completed Fear Free Certification Program

This program 1135-42226 is approved by the AAVSB RACE to offer a total of 9 CE Credits (9 max) being available to any one veterinarian: and/or 9 Veterinary Technician CE Credits (9 max). This RACE approval is for the subject matter categories of: Medical using the delivery method of Interactive-Distance. This approval is valid in jurisdictions which recognize AAVSB RACE; however, participants are responsible for ascertaining each board's CE requirements, RACE does not "accredit" or "endorse" or "certify" any program or person, nor does RACE approval validate the content of the program.

March 31, 2020

Certification Date

9

Number of Credits Completed

Mr. Mady Boden

fearfreepets.com

Fear Free, LLC, 2420 17th St., Denver, CO 80202



Pacheco, Maria

From:

Katlyn Coveney < ktcoveney@gmail.com>

Sent:

Wednesday, June 2, 2021 5:26 PM

To: Subject:

Pacheco, Maria More materials

Attachments:

IMG_3225.jpg; Wrigley letter.pdf; Premedical Acceptance.pdf

Hi Maria!

I found this old reference letter from a previous property manager regarding my ability to care for my well behaved, 7 year old golden retriever, Wrigley, responsibly. I also included a photo of me and Wrigs. Lastly, I included my acceptance letter to Harvard's postbaccalaureate premedical extension program which I am enrolled in to qualify for veterinary school.

Thank you again for your time, Katlyn Coveney





Smoke Free Apartments

July 17, 2019

To Whom it May Concern:

Katlyn Coveney lived at Forest Meadows Apartments on 2 separate occasions, in 2 different apartments. Her golden retriever, Wrigley, also lived with her here in these apartments. Wrigley is a wonderful dog and Katlyn was a wonderful tenant. There was zero pet damage in either apartment, in fact when Katlyn left her last apartment the carpet cleaner made a joke that she must have levitated around the apartment as the carpet didn't look like anyone had been living there. I 100% recommend Katlyn as a tenant and please be assured that Wrigly is a wonderful dog that I loved to pet on walks and never caused any damage of any kind.

Thank you

Alison Halbert

Property Manager

HARVARD UNIVERSITY FACULTY OF ARTS AND SCIENCES

DIVISION OF CONTINUING EDUCATION Health Careers Program



51 Brattle Street Cambridge, Massachusetts 02138-3722

May 4, 2020

Dear Ms. Covency:

I am happy to inform you that you have been accepted to the Premedical Program and are eligible to earn its evaluation for your application to the Cummings School of Veterinary Medicine. (Other veterinary schools do not require such an evaluation.)

To be eligible for our evaluation you will first need to complete a minimum of 20 credits in the Harvard Extension or Summer School, or both, with grades of B or better. We will also evaluate your GRE scores, clinical and/or research experience, and other criteria of fitness for veterinary study.

In the meantime, we look forward to working with you. Please consult with us as needed.

Yours truly,

Dr. William Fixsen
Senior Lecturer on Molecular and Cellular Biology
Director of the Health Careers Program