



## Administrative Special Use Permit Application

Department of Planning & Zoning  
301 King Street, Room 2100, Alexandria, Virginia 22314  
Phone: 703.746.4666 | [www.alexandriava.gov/planning](http://www.alexandriava.gov/planning)

---

**PROPERTY LOCATION:** 2836 Duke St.

**ZONE:** CG

**TAX MAP REFERENCE:** 062.03-04-03

### APPLICANT'S INFORMATION:

Applicant: Luxury Pet Hotel Investments, LLC Business/Trade Name: K9 Resorts

Address: 11121 Hindry Ave, Los Angeles CA 90045

Phone: 623-261-3294

Email: [mike.williams@k9resorts.com](mailto:mike.williams@k9resorts.com)

### PROPOSED USE:

- |   |   |
|---|---|
| ✓ Animal Care with Overnight Accommodations | Massage Establishment                                       |
| Auto Trailer Rental or Sales                | Outdoor Dining (Other than King Street Outdoor Dining Area) |
| Catering Operation                          | Outdoor Food and Crafts Market                              |
| Child and Elder Care Homes                  | Outdoor Garden Center                                       |
| Day Care Center                             | Outdoor Display   |
| Health and Athletic Club                    | Public School Trailers                                      |
| Light Assembly, Service, and Craft          | Valet Parking   |
| Light Auto Repair                           | Vehicle Parking or Storage for More Than 20 Vehicles        |
| Live Theater                                |   |

### PROPERTY OWNER'S AUTHORIZATION

As the property owner, I hereby grant the applicant use of 2836 Duke Street (property address), for the purposes of operating a Animal Care with Overnight Accommod~~(use)~~ business as described in this application. I also grant permission to the City of Alexandria to visit, inspect, photograph and post placard notice on my property.

Name: Richard Greenberg

Phone: 301-657-2525

2836 Duke Partners, LLC  
Greenhill Companies

Address: 4901 Fairmont Ave., Suite 200  
Bethesda, MD 20814

Email: rgreenberg@greenhillcompanies.com

Signature: *Richard Greenberg*

Date: 06/24/2025

1. The applicant is the (check one):

Owner

☒ Contract ~~Purchaser~~ Lessee or

Other: \_\_\_\_\_ of the subject property.

State the name, address and percent of ownership of any person or entity owning an interest in the applicant or owner, unless the entity is a corporation or partnership, in which case identify each owner and the percent of ownership.

See Attachment A

If property owner or applicant is being represented by an authorized agent such as an attorney, realtor, or other person for which there is some form of compensation, does this agent or the business in which the agent is employed have a business license to operate in the City of Alexandria, Virginia?

☒ Yes. Provide proof of current City business license

No. The agent shall obtain a business license prior to filing application, if required by the City Code.

## USE CHARACTERISTICS

2. Please give a brief statement describing the use:

Canine boarding, day care and related services.

3. Please describe the proposed hours of operation:

Days	Hours
------	-------

Daily	6 a.m. to 7:30 p.m. (7a.m. to 7p.m.)
-------	--------------------------------------

Or give hours for each day of the week

Monday	6a.m.-7:30p.m.
--------	----------------

Tuesday	""
---------	----

Wednesday	""
-----------	----

Thursday	""
----------	----

Friday	""
--------	----

Saturday	9-5:30 p.m.
----------	-------------

Sunday	""
--------	----

4. Please describe the capacity of the proposed use:

- A. How many patrons, clients, pupils and other such users do you expect? Specify time period (i.e., day, hour, or shift).

Maximum 100-110

- B. How many employees, staff and other personnel do you expect? Specify time period (i.e., day, hour, or shift).

Range of 25 dogs to one staff person for day care, 1-2 people out managing dogs and cleaning, in two shifts (6am - 1 p.m. 1p.m.-7:30)

5. A. How many parking spaces of each type are provided for the proposed use:

41	Standard and compact spaces	12 spaces on Duke St. side and 32 spaces on Colvin Street side total for all tenants. At le
3	Handicapped accessible spaces	20 spaces will be assigned to this tenant.
	Other	

B. Please give the number of:

44

Parking spaces on-site

Parking spaces off-site

If the required parking will be located off-site, where will it be located?

6. Please provide information regarding loading and unloading for the use:

A. How many loading spaces are available for the use?

20+ parking spaces for clients to drop off and pick up their dogs.

B. Where are off-street loading spaces located?

N/A

C. During what hours of the day do you expect loading/unloading operations to occur?

Clients can pick up and drop off their dogs from 9am until 5:30pm 7 days a week.

D. How frequently are loading/unloading operations expected to occur per day or per week?

Anytime during the permitted hours up to the capacity for the facility.

7. If any hazardous materials or organic compounds (for example paint, ink, lacquer thinner, or cleaning or degreasing solvent), as defined by the state or federal government, be handled, stored, or generated on the property, provide the name, monthly quantity, and specific disposal method below:

No

8. What is the square footage the use will be occupying?

8,814

square feet

## APPLICANT'S SIGNATURE

Please read and initial each statement:



THE UNDERSIGNED, hereby applies for a Special Use Permit in accordance with the provisions of Article XI, Section 11-500 of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.



THE UNDERSIGNED, hereby attests that all of the information herein provided and specifically including all surveys, drawings, etc., required to be furnished by the applicant are true, correct and accurate to the best of their knowledge and belief. The applicant is hereby notified that any written materials, drawings or illustrations submitted in support of this application and any specific oral representations made to the Director of Planning and Zoning on this application will be binding on the applicant unless those materials or representations are clearly stated to be non-binding or illustrative of general plans and intentions, subject to substantial revision, pursuant to Article XI, Section 11-207(A)(10), of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.



THE UNDERSIGNED, having obtained permission from the property owner, hereby grants permission to the City of Alexandria to post placard notice on the property for which this application is requested, pursuant to Article IV, Section 4-1404 of the 1992 Zoning Ordinance of the City of Alexandria, Virginia.



THE UNDERSIGNED, having obtained permission from the property owner, hereby grants permission to the City of Alexandria staff to visit, inspect, and photograph the building premises, land etc., connected with the application.

**Print Name of Applicant or Representative** Mary Catherine Gibbs, Wire Gill, LLP

**Signature**



**Date**

7/14/25

If this application is being filed by someone other than the business owner (such as an agent or attorney), please provide the information below:

Representative's Address: 700 N. Fairfax Street, Suite 600, Alexandria, VA 22314

Phone: 703-835-1922

Email: mcgibbs@wiregill.com

Fax: NA



## Department of Planning & Zoning

### Administrative Special Use Permit New Use Checklist

☒ Application form

☐ Application fee

#### Supplemental Worksheet for the following uses:

☐ Catering Operation

☐ Child or Elder Care Home

☐ Day care Center

☐ Light Automobile Repair, Auto & Trailer Rental or Sales, Vehicle Parking or Storage

☐ Live Theater

☐ Outdoor Dining

☐ Outdoor Display

☐ Outdoor Food and Crafts Market

☐ Outdoor Garden Center

☐ Valet Parking

#### Interior floor plan

☒ Include labels to indicate the use of the space (doors, windows, seats, tables, counters, equipment)

#### Contextual site image

☒ Show subject site, on-site parking area, surrounding buildings, cross streets

#### If applicable

☐ Outdoor plan for outdoor uses

Ownership Disclosure Statement: Attachment A

State the name, address and percent of ownership of any person or entity owning an interest in the applicant or owner, unless the entity is a corporation or partnership, in which case identify each owner and the percent of ownership.

Applicant: Luxury Pet Hotel Investments, LLC (K9 Resorts)  
11121 Hindry Ave.  
Lost Angeles, CA 90045

Ownership Information:

1. Riverview Investments, LLC – 11.86%  
868 Ashford Ave., #602  
San Juan, PR 00907
2. Pawsitive Investments, LLC – 9.52%  
PMB 3000-306,  
Edwards, CO 81632
3. MBF Retreat, LLC – 9.58%  
Plot Lot #6 Block #35 Edgewater Drive  
Lyford Cays, Bahamas
4. EILSEL Creek LLC - 6.87%  
4 Iroquiis Tril  
Harrison, NY 10528
5. North Pole Initiatives LLC – 5.81%  
23 Old Farm Road  
Carmel, NY 10512
6. The Glenn Dowler Irrevocable GST Trust of 2018 - 5.57%  
15595 Hawker Lane  
Wellington, FL 33414
7. V Dogs, LLC – 3%  
410 East Water Street, Suite 888  
Charlottesville, VA 22902

Property Owner: 2836 Duke Partners, LLC  
c/o Greenhill Companies  
4901 Fairmont St., Suite 200  
Bethesda, MD 20814

Ownership Entities:

- 1) Leonard A. Greenberg and Linda K. Greenberg Multi-Generation Trust – 32.5%  
c/o Greenhill Companies  
4901 Fairmont St., Suite 200

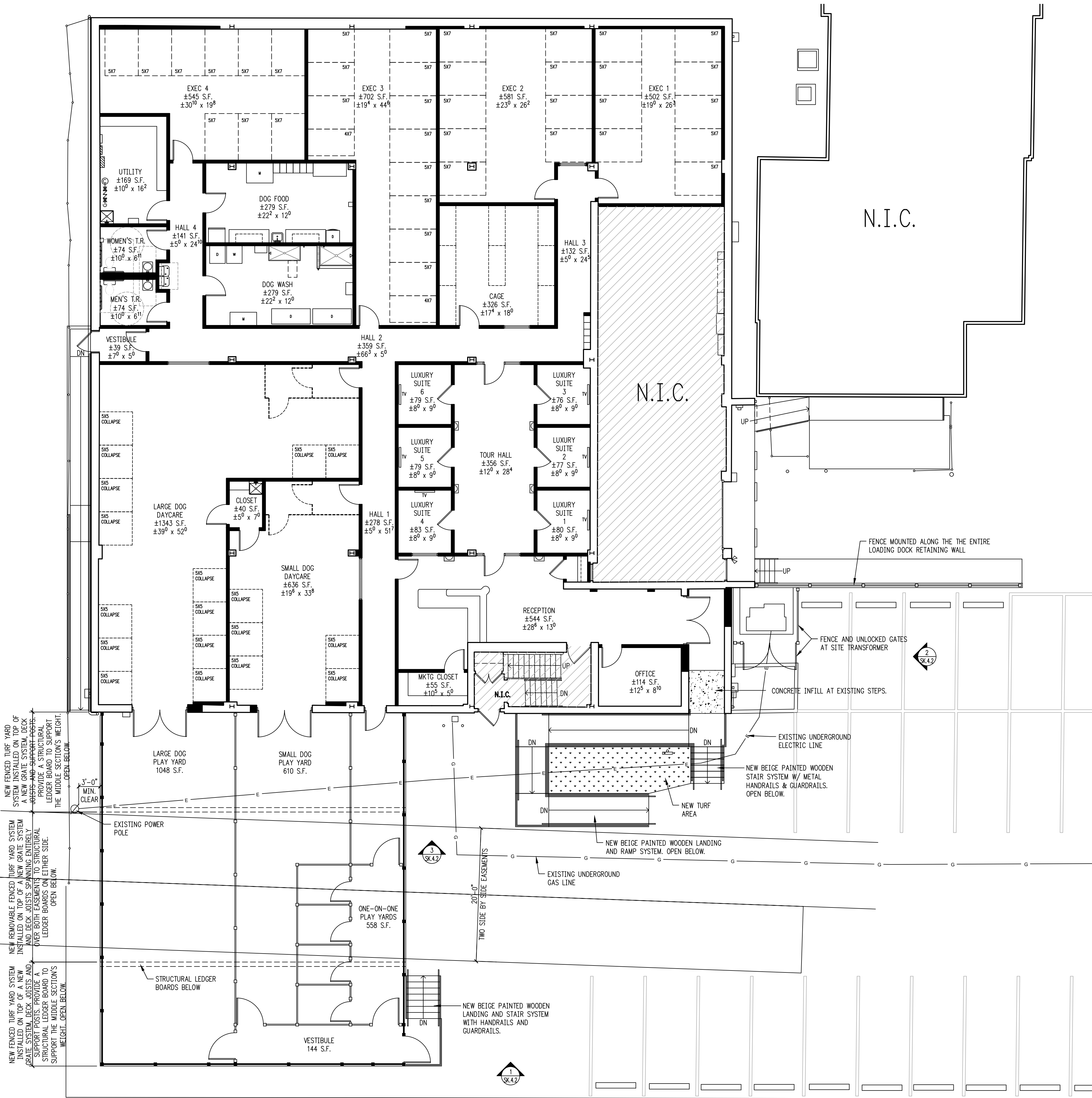
Bethesda, MD 20814

- 2) Richard S. Greenberg – 17.5%  
c/o Greenhill Companies  
4901 Fairmont St., Suite 200  
Bethesda, MD 20814
- 3) Joshua Schooler Trust – 9.6%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814
- 4) Jeremy Schooler Trust – 9.6%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814
- 5) Emily Schooler Feizenberg Trust – 9.6%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814
- 6) Rebecca Schooler Trust – 9.6%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814
- 7) Aaron Schooler Trust – 9.6%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814
- 8) Aaron Schooler – 2%  
4905 Del Ray Avenue, Suite 200  
Bethesda, MD 20814



Business or Financial Relationships:

Name of person or entity	Relationship as defined by Section 11-350 of the Zoning Ordinance	Member of the Approving Body (i.e. City Council, Planning Commission, etc.)
<u>Applicant:</u>		
Luxury Pet Hotel Investments, LLC	None	None
Riverview Investments, LLC	None	None
Pawsitive Investments, LLC	None	None
MBF Retreat, LLC	None	None
EILSEL Creek LLC	None	None
North Pole Initiatives LLC	None	None
The Glenn Dowler Irrevocable GST Trust of 2018	None	None
SV Dogs, LLC	None	None
<u>Property Owner:</u>		
2836 Duke Partners	None	None
Leonard A. Greenberg and Linda K. Greenberg Multi-Generation Trust	None	None
Richard S. Greenberg	None	None
Joshua Schooler Trust	None	None
Jeremy Schooler Trust	None	None
Emily Schooler Feizenberg Trust	None	None
Rebecca Schooler Trust	None	None
Aaron Schooler Trust	None	None
Aaron Schooler	None	None



PROPOSED FLOOR PLAN  
SCALE: 1/8" = 1'-0"

SQ. FT. CHART	
ROOM NAME	SQ. FT.
RECEPTION	544
OFFICE	114
MARKETING CLOSET	55
TOUR HALL	356
LUXURY SUITE 1	80
LUXURY SUITE 2	77
LUXURY SUITE 3	76
LUXURY SUITE 4	83
LUXURY SUITE 5	79
LUXURY SUITE 6	79
HALL 1	278
HALL 2	359
HALL 3	132
HALL 4	141
CAGES	326
EXEC 1	502
EXEC 2	581
EXEC 3	702
EXEC 4	545
DOG FOOD	279
DOG WASH	279
UTILITY	169
WOMEN'S T.R.	74
MEN'S T.R.	74
VESTIBULE	39
LARGE DOG DAYCARE	1343
SMALL DOG DAYCARE	636
CLOSET	40
TOTAL: 8,042	

PROPOSED RENOVATIONS FOR:  
**K9 RESORTS**

2836 DUKE ST.  
ALEXANDRIA, VA 22314

**RHJ ASSOCIATES, PC**  
ARCHITECTS · PLANNERS · DESIGNERS

KING OF PRUSSIA, PA 610.337.4555  
MOUNT LAUREL, NJ 856.252.0040  
PHILADELPHIA, PA 215.279.5845  
WILMINGTON, DE 302.482.2269

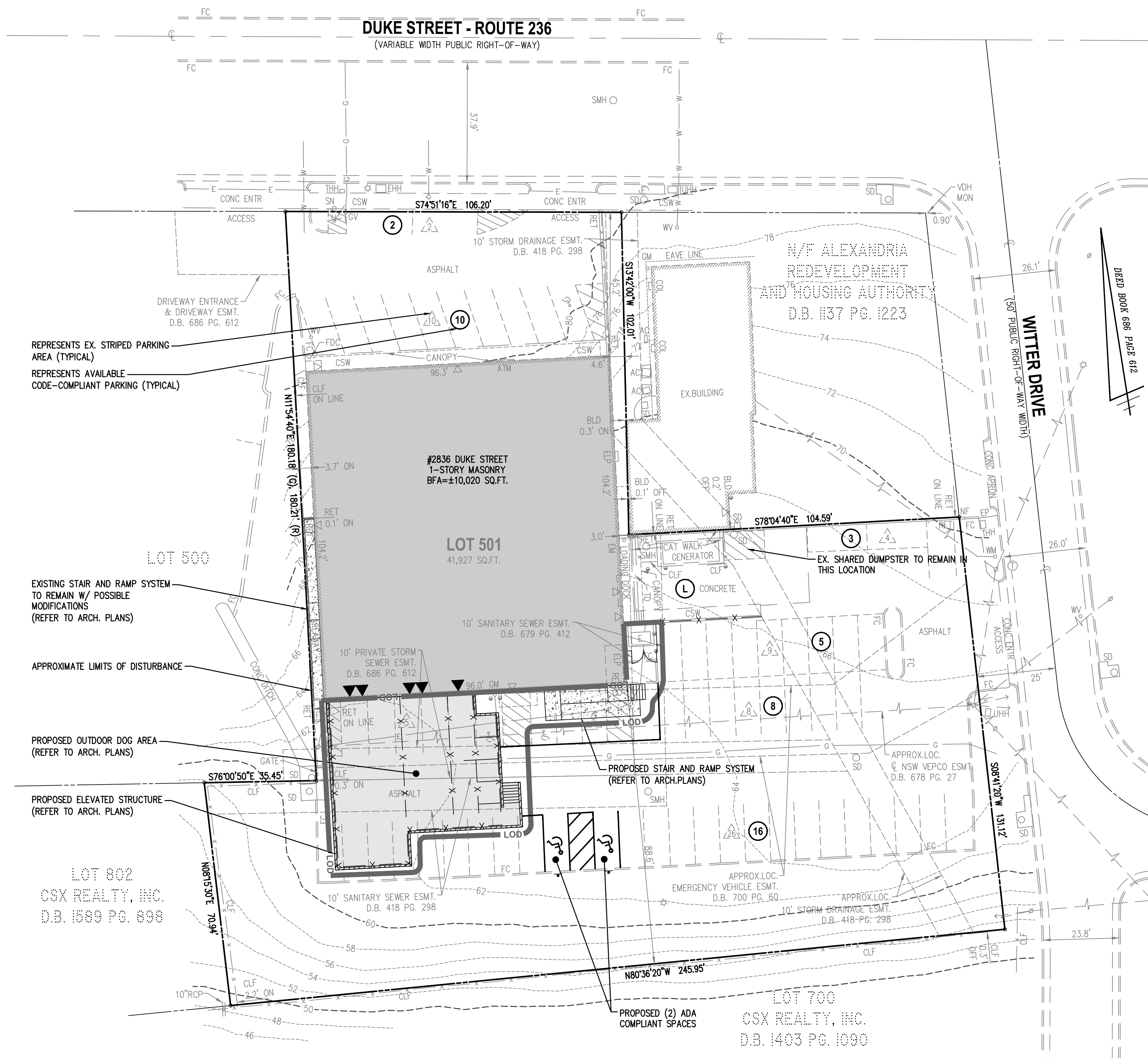
www.rhjassoc.com

REVISION: 06.10.2025  
REVISION: 05.29.2025  
REVISION: 03.03.2025  
DATE: 02.19.2025  
PROJECT NO. 2024-0606

# ADMINISTRATIVE SPECIAL USE PERMIT

# 2836 DUKE STREET

PROPOSED	DESCRIPTION	EXISTING
	CURB & GUTTER	
	CG-2	
	TRANSITION FROM CG-6 TO CG-6R	
	EDGE OF PAVEMENT	
	SANITARY SEWER	
	SANITARY LATERAL	
	CLEAN OUT	
	STORM SEWER	
	WATER MAIN	
	FIRE HYDRANT	
	PLUG	
	OVERHEAD WIRES	
	UTILITY POLE	
	UNDERGROUND ELECTRIC	
	TELEPHONE	
	GAS MAIN	
	ELECTRICAL	
	TRANSFORMER	
	HANDICAP RAMP (CG-12)	
	GUARDRAIL FENCE	
	TRAFFIC FLOW	
	LIGHT	
	DOOR	
	TREES	
	CONTOURS	
	SPOT ELEVATION	
	DRAINAGE FLOW DIRECTION	
	TOP OF CURB	
	BOTTOM OF CURB	
	TOP OF WALL	
	BOTTOM OF WALL	
	HIGH POINT	
	TEST PIT	



**ZONING TABULATIONS:**

EXISTING ZONE: CG, COMMERCIAL GENERAL  
PROPOSED ZONE: CG, COMMERCIAL GENERAL  
SITE AREA: 41,927 SF, 0.9625 ACRES

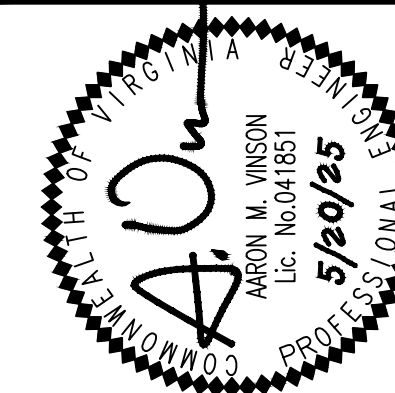
	REQD./PERMITTED	PROVIDED
LOT SIZE	NO REQUIREMENT	41,927 SF, 0.9625 AC
FRONTAGE	NO REQUIREMENT	106.20 SF
YARD	NO REQUIREMENT	3.04 FT MINIMUM
OPEN SPACE	NO REQUIREMENT	N/A
FLOOR AREA RATIO	0.50	0.47
FLOOR AREA	20,963 SF MAXIMUM	19,776 SF (PER CITY RECORDS)
HEIGHT	50 FT MAXIMUM	EXISTING, NO CHANGE PROPOSED

**PARKING TABULATIONS:**

<u>PARKING REQUIRED</u>				
USE		RATE		
SPECIFIC COMMERCIAL USE		0.25 SPACES PER 1,000 SF FLOOR AREA		MINIMUM
WITHIN ENHANCED TRANSIT AREA		3 SPACES PER 1,000 SF FLOOR AREA		MAXIMUM
RETAIL SHOPPING ESTABLISHMENT	10,000 SF @ 0.25 SP/1,000 SF	= 2.5 SPACES		MINIMUM
±10,000 SF	10,000 SF @ 3.0 SP/1,000 SF	= 30 SPACES		MAXIMUM
ANIMAL CARE FACILITY	10,000 SF @ 0.25 SP/1,000 SF	= 2.5 SPACES		MINIMUM
±10,000 SF	10,000 SF @ 3.0 SP/1,000 SF	= 30 SPACES		MAXIMUM
TOTAL REQUIRED PARKING	5 SPACES MINIMUM			
	60 SPACES MAXIMUM			

**LOADING TABULATIONS:**

<u>LOADING REQUIRED</u>		
AT LEAST 1 SPACE PER 20,000 SF	20,000 SF @ 1.0 SP/20,000 SF	= 1 LOADING SPACE REQUIRED
<u>LOADING PROVIDED</u>		
1 EXISTING LOADING SPACE		= 1 LOADING SPACE PROVIDED

[illegible]

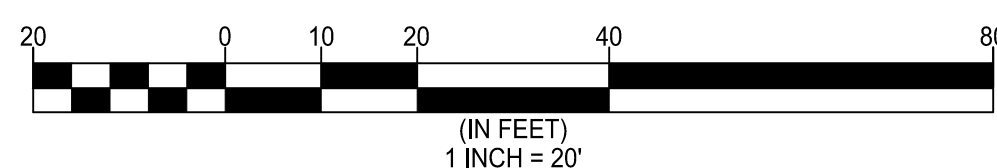
**2836 DUKE STREET**

# ADMINISTRATIVE SPECIAL USE PERMIT

CITY OF ALEXANDRIA, VIRGINIA

## CONTEXTUAL SITE PLAN

<b>APPROVED</b> <b>SPECIAL USE PERMIT NO. _____</b> <b>DEPARTMENT OF PLANNING &amp; ZONING</b>  <div style="display: flex; justify-content: space-between;"> <span>_____ DIRECTOR</span> <span>_____ DATE</span> </div> <b>DEPARTMENT OF TRANSPORTATION &amp; ENVIRONMENTAL SERVICE</b> <b>SITE PLAN No. _____</b>  <div style="display: flex; justify-content: space-between;"> <span>_____ DIRECTOR</span> <span>_____ DATE</span> </div> <div style="display: flex; justify-content: space-between;"> <span>_____ CHAIRMAN, PLANNING COMMISSION</span> <span>_____ DATE</span> </div> <b>DATE RECORDED _____</b>  <div style="display: flex; justify-content: space-between;"> <span>_____ INSTRUMENT NO.</span> <span>_____ DEED BOOK NO.</span> <span>_____ PAGE NO.</span> </div>		
--	--	--



VIA MAIL & EMAIL [NatalieMooney@comcast.com](mailto:NatalieMooney@comcast.com)

26 March 2013

Ms. Natalie Mooney  
Cosmos Clubhouse, LLC  
d/b/a K9 Resorts & Luxury Hotel  
509 Ashwood Road  
Springfield, NJ 07081

cc: Mr. Kevin Page, P.E., [kpage@pageengineering.com](mailto:kpage@pageengineering.com) (via email only)

Re: Sound Emissions of Dogs in Outdoor Exercise Areas  
Proposed K9 Resorts Dog Daycare, Warren, NJ  
Block 75, Lot 3.02  
OAA File 3736A

Dear Ms. Mooney:

At your request, Ostergaard Acoustical Associates evaluated potential sound emissions from dogs in outdoor exercise areas at the dog daycare facility proposed for Block 75, Lot 3.02 in Warren, NJ. The evaluation was prompted by questions received during review of the application by the planner and the police department. A review of the site plans by Page Engineering Consultants shows three outdoor exercise areas enclosed by 7-foot high solid vinyl fences. The area behind (that is on the north side) of the building is the main dog play area which accommodates daycare dogs. We understand that dogs may use this area several times daily for periods of up to 20 minutes in duration. There are also two 20' x 20' play areas for boarded dogs on the east side of the facility that are similarly fenced.

Tasks undertaken by Ostergaard Acoustical Associates included:

- ❑ A site visit to Warren to become familiar with existing conditions and to obtain calibrated measurements of prevailing ambient sound at representative locations in the neighborhood;

- ❑ A site visit to a similar facility in Fanwood, NJ to witness a dog exercise period and to obtain calibrated acoustical data of dog barking sound;
- ❑ Review of applicable codes and regulation for quantitative noise criteria for impulsive sound such as dogs barking;
- ❑ Discussions with team members concerning dog exercise times and durations;
- ❑ Engineering calculations to project dog exercise activity sound to relevant locations for comparison with code limits and the ambient; and,
- ❑ Preparation of this letter of findings.

#### CRITERIA

A review of local codes in Warren shows that for quantitative limits on sound, the Township relies on limits established under the New Jersey Administrative Code, N.J.A.C. 7:29. For example, N.J.A.C. 7:29 is referenced in Township Code ¶15-12.3b3d concerning Environmental Impact, and ¶16-23.8 of the Zoning Performance Standards.

The State Noise Control Regulation found at N.J.A.C. 7:29 generally regulates daytime impulsive sounds such as dog barks to a maximum of 80 dB(A) at receiving commercial or residential properties as measured using the FAST or IMPULSE response settings on a sound level meter.

#### AMBIENT

Ambient sound levels were measured near the proposed site in Warren using the calibrated data acquisition and analysis system fully described in Attachment A. Statistical sound pressure level measurements were obtained over periods of 10 minutes at each of the following locations shown in Figure 1, which is based on aerial photos obtained from Google Earth.





Figure 1 — Site of proposed dog daycare facility in Warren, NJ, outlined in red, and three measurement locations used for acoustical survey on 21 March, Locations A, B, and C.

**Location A:** At the northwest corner of the site.

**Location B:** On the west side of Green Valley Drive, set back from Washington Valley Road about the same distance as the side of the nearby Lot 15 dwelling.

**Locations C:** On the south side of Middle Brook Road, about 50 feet from Green Valley Drive.

The data were obtained midday on 21 March 2013. Weather conditions were conducive to measurements and included overcast skies, winds of 5 mph, and a temperature of 40° F.

To analyze environmental acoustical data it is convenient to treat sound levels statistically. This is because outdoor sound levels can vary over a considerable range since many sources contribute to sound measured at a location. Transient ambient sources often raise sound levels 20 decibels or more above background sound levels. The following descriptors are most often used to assess data of this type:

$L_{90}$  - The sound level exceeded 90 percent of the time during a given measurement period.  $L_{90}$  is usually referred to as the background sound level.

$L_{50}$  - The median level exceeded 50 percent of the time during a measurement period.

$L_{10}$  - The sound level exceeded 10 percent of the time during a measurement period.  $L_{10}$  is a measure of the contribution of intrusive sound sources.

$L_{eq}$  - The average sound level during the measurement period.

$L_{max}$  - The maximum sound level during the measurement period.

Numerical results from the survey were as follows:

Statistical A-weighted sound pressure levels gathered on FAST response over 10-minute measurement intervals on 21 March 2013. All values are in dB re 20  $\mu$ Pa.

Location	Start Time (Hours)	L <sub>90</sub>	L <sub>50</sub>	L <sub>10</sub>	L <sub>eq</sub>	L <sub>max</sub>
A	1252	43	47	53	50	66
B	1221	44	51	62	57	73
C	1206	41	45	54	51	69

Noise sources observed included birds, local traffic, aircraft, and some activity at the A&P Supermarket loading docks.

The numerical results show that background sound levels throughout the area are in the low-to-mid-40s on the A-weighted sound level scale. Intrusive levels are in the mid-50s range at locations more distant from Washington Valley Road and over 60 dB(A) at the setback of the nearest home on Washington Valley Road. Maximum levels are in the 66-to-73 dB(A) range due to various ambient sources.

#### FANWOOD SITE VISIT

I met with Mr. Steven Parker at the K9 Resorts dog daycare facility at 43 South Avenue in Fanwood. The facility has similar outdoor exercise activity to what is expected in Warren. I set up a microphone about 75 feet from the solid vinyl fence for the exercise area at this site in anticipation of measuring a typical outdoor exercise period. The 75-foot distance was selected to allow sound level projections to other distances of interest in Warren, and was also a practical measurement location given site limitations in Fanwood. The dog population in Fanwood on the test date, 21 March, was 30.

The initial measurements were not successful in documenting dog sound because dog activity was not noticed during this typical exercise period. The 30 dogs were outside for 6 minutes



with no discernible barking. It was then arranged to instigate dog barking in order to obtain data. The group of dogs were let outside a second time. Provoking the animals resulted in barking for a short period, but the barking quickly dissipated. Over a 7-minute measurement period, barking only occurred for about 1 minute. 18 barks were documented using the FAST, A-weighted response on the sound level meter. The results averaged 63 dB(A) and the maximum bark measured 69 dB(A), 75 feet from the fence.

A second, more controlled test was arranged by provoking a single Doberman Pinscher to bark. Data acquired at head height, 5 feet outside the solid fence with the dog about 25 feet from the microphone resulted in an average FAST A-weighted sound level of 77 dB(A) and a maximum of 80 dB(A) based on an analysis of 25 consecutive barks.

Sound falls off with distance from a point source at a rate of 6 dB per doubling of distance. This distance attenuation is exclusive of other attenuation effects such as ground absorption or shielding. The expected difference in levels between the two survey distances used in Fanwood would be about two doublings of distance, or on the order to 10-to-12 decibels, so the data are consistent.

The results in Fanwood show that when dogs bark, maximum FAST sound levels on the far side of a vinyl fence will average in the mid-70s at 25 feet from the dog and in the mid-60s at 100 feet. Maximum bark levels will be about 3-to-5 dB higher, or 80 and 70 dB respectively at these same distances. It should be noted that dog barks are impulsive sounds, less than one second in duration, and do not cumulatively add. Therefore, regardless of the number of dogs in the play area, the measured levels above are representative of the level that results from one dog bark or multiple dog barks.

#### PROJECTION OF DOG SOUND LEVELS AT WARREN SITE

Land uses in the immediate vicinity of the proposed facility are primarily commercial, and some might best be characterized as non-noise-sensitive such as the site accommodating the A&P food store and loading dock. Noise sensitive land uses are dwellings, the closest of which is to the southwest across Washington Valley Road. Other residences are farther to the south along Green Valley Drive and Middle Brook Road. Based on the dog bark data with solid vinyl

fence acquired at Fanwood and adjustments for distance alone, the following sound level projections are appropriate for the Warren site:

Receptor	Typical Distance to Nearest Dog (feet)	Dog bark FAST sound level, dB(A)		Remarks
		Average	Maximum	
Commercial lots to north, east and west of the site	25-to-45	72-to-77	76-to-80	Meets code limit of 80 dB(A)
Property line of nearest residential, Block 76.03, Lot 15	160 (from east side play area)	59	64	Well within code, barks comparable with existing ambient intrusive level of 62 dB(A)
Nearest house fronting on Green Valley Drive	210 (from east side play area)	57	62	Meets code by about 20 dB, barks comparable with ambient $L_{10}$
Houses on Middle Brook Road	620 (from east side play area)	47	53	Meets code by about 30 dB, barks comparable with ambient $L_{10}$

These results show that for the expected situation, if and when dogs bark in exercise areas, codes can be expected to be met at even nearby non-noise-sensitive commercial properties. Margins of compliance at noise sensitive receptors, residences, will be at least 15 dB(A), and barks are comparable with the prevailing intrusive sound levels documented via ambient measurements.

For noise sensitive residential receptors, projections of dog barking sound were carried out using the distance from the southernmost east side play area, which is the closest possible range for a dog. The rear play area is an additional 100 feet to the north, and better shielded by the intervening building. It is expected that dog barking sound occurring in the rear play will be even lower in sound level at residences than projected levels shown above.

## FINDINGS AND CONCLUSIONS

1. Perhaps because of the use of opaque, solid vinyl fencing, dogs released to an outside exercise area at a facility similar to that proposed needed to be provoked to bark to gather acoustical data.
2. Measurements and analyses show that sound emitted by typical dog barking will be controlled by distance and fence shielding to meet codes. Analyses are conservative since these did not include other potential sound attenuation mechanisms such as ground absorption, foliage effects, or shielding by buildings.
3. Barking sound is also not expected to result in adverse noise impact since barking sounds, when present, are not drastically different than prevailing intrusive ambient levels.

□ □ □ □

I trust that the above is helpful and I look forward to answering any questions you may have.

Sincerely yours,

OSTERGAARD ACOUSTICAL ASSOCIATES



Benjamin C. Mueller, P.E.  
Principal

EMC:amc

Enclosure

## ATTACHMENT A

### DATA ACQUISITION AND ANALYSIS SYSTEM

The measurement system used to obtain acoustical data consisted of a Bruel & Kjaer random-incidence condenser microphone 4189, used in conjunction with a preamplifier, Bruel & Kjaer Model ZC 0032, and a precision sound level meter and octave band analyzer, Bruel & Kjaer Model 2270. A windscreen was used on the microphone to reduce wind noise.

During the measurement interval, the analyzer was instructed to store octave band spectra in internal memory each second, using a FAST response. At the end of the measurement interval the statistical data were saved to internal memory for later analysis in the lab.

The entire system was calibrated before and after the measurements by means of a sound pressure level calibrator. The calibrator used was a Bruel & Kjaer Model 4231, last calibrated by an outside calibration service in September 2012. The calibration is traceable to the National Institute of Standards and Technology. Overall, the data reported here can be considered accurate to the nearest decibel.

In the laboratory a computer was used to recall and print the statistical octave band and A-weighted sound levels from the data provided by the analyzer. The software was written by Bruel & Kjaer.

VIA EMAIL ONLY [knick436@gmail.com](mailto:knick436@gmail.com)

23 October 2019

Mr. Keith Nicholson  
K9 Resorts Daycare & Luxury Hotel Franchise  
1870 West Germann Road  
Chandler, AZ 85286

cc: Mr. Timothy Katsch, [tim@k9resorts.com](mailto:tim@k9resorts.com)

Re: Acoustical Evaluation of Dog Sound  
K-9 Resorts Daycare & Luxury Hotel Franchise, Chandler, AZ  
OAA File 4076A

Dear Mr. Nicholson:

As requested, Ostergaard Acoustical Associates (OAA) evaluated potential sound emissions related to dog barking from a new K9 Resorts facility proposed at 1870 West Germann Road in Chandler, Arizona. The site is part of The Shops at Pecos Ranch shopping plaza where the facility will occupy the western half of the northeastern-most building. There is also an outdoor exercise area for dogs northwest of the building. The proposed site is outlined in red in Figure 1, which is based on aerial photos obtained from Google Earth. Properties immediately west and south of the site are other retail spaces in the plaza. East and north of the site are single-family residences. A six-foot concrete wall surrounds both the plaza and residences. The retail space west of the facility is Fresh Cleaners and Alterations. The other half of the building is currently unoccupied. Overall, retail uses are considered non-noise-sensitive. Sound emissions from the site are of most concern to the north, where residential receptors are about 140 feet away across Gatling Way from the outdoor exercise area. Sound emissions at the multi-family residences to the east are not as much of a concern because they mostly shielded from the exercise area.

The focus of our study was to evaluate dog barking in outdoor exercise areas at nearby homes. A review of the site plans by RHJ Associates, dated 23 July 2019, shows renovation of the on-site existing building to accommodate a dog daycare facility. Inside the facility will be office space, kennels, and play areas. Outside the northwestern side of the building will be three outdoor exercise areas enclosed by 8-foot high solid vinyl fences. We understand that dogs may use the exercise area multiple times per day. A parking lot surrounds the building.

OSTERGAARD  
ACOUSTICAL  
ASSOCIATES  
1460 US Highway 9 North  
Woodbridge, NJ 07095  
Voice 973-731-7002  
Fax 973-731-6680  
acousticalconsultant.com suite 200



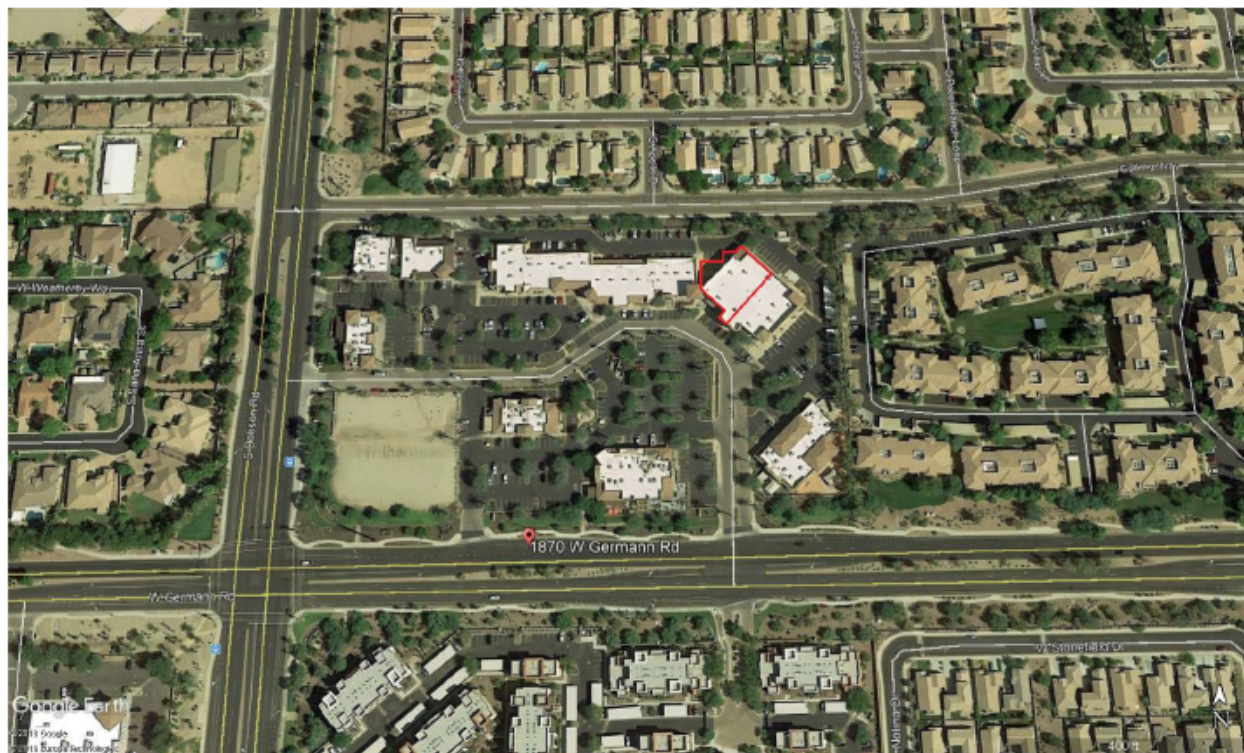


Figure 1 — Site of proposed dog daycare facility in Chandler, AZ, outlined in red. Outdoor exercise area is northwest of the building.

## CRITERIA

Site sound emissions from a commercial facility such as this are regulated by local, County and State noise. The City of Chandler discusses noise primarily in Part III – Public Safety under Chapter 11 – Curfew, Graffiti, Smoking, and Miscellaneous Offenses. Specifically, Section 11-10 “Disturbing the Peace” prohibits any person from disturbing the peace, quiet, and comfort of any neighborhood. Most relevant to this analysis is that harboring or having custody of any dog that barks, howls, or makes noises by day or night which disturbs the peace and quiet is prohibited. There is no Arizona noise code that could be found. Maricopa County Noise Ordinance is a nuisance style ordinance and only discusses noise qualitatively.

Although no quantitative code limits exist, a project noise goal should be established to ensure that site operations do not disturb the peace and quiet of the neighborhood. Dog barking from the outdoor exercise areas is only anticipated during daytime hours. During the nighttime, dogs will be inside the building and will not be an acoustical concern at surrounding properties. An acceptable goal for daytime barking sound at residences is to not exceed 65 dB(A) at nearby residential property lines. This aligns with typical daytime ordinances seen throughout the country. In addition, levels of this magnitude will not be any greater than maximum sound levels from passing vehicles on Gatling Way.

## PROJECTION OF DOG SOUND LEVELS

As you are aware, OAA has assisted K9 Resorts with previous sound studies. As part of those studies, we visited their facility at 43 South Avenue, Fanwood, NJ, to witness a dog exercise period and to obtain calibrated acoustical data of dog barking sound in 2012. Data from this visit were used for this analysis. This K9 Resorts Fanwood facility has outdoor exercise activity similar in nature to what is expected in the Chandler location. The exercise area is also surrounded by a tall vinyl fence. Various measurements of typical site activity were obtained; results showed that dog barking was not a common occurrence, even with 30 dogs outside simultaneously.

Despite this finding, to carry out a worst-case sound analysis a more controlled 2012 test was arranged by prompting a single Doberman Pinscher to bark. Data acquired at human head height, 5 feet outside the solid vinyl fence with the dog about 25 feet from the microphone, resulted in an average A-weighted sound level of 77 dB(A) and a maximum of 80 dB(A) using the fast time constant based on an analysis of 25 consecutive barks. These data include any reduction provided by a standard vinyl fence.

The data acquired 25 feet from a barking dog can be used to accurately project this sound to distances that are applicable to the Chandler application. This is a common technique used for acoustical analysis, and allows accurate data collected close to the source to be used for a conservative analysis; these data are less contaminated by other ambient sound such as noise from nearby traffic. The closest noise-sensitive dwelling to the Chandler site is to the north across Gatling Way, about 150 feet from the exercise area. West receptors are about 180 feet from the dog exercise areas; the on-site building blocks direct line of sight for these vantage points.

Based on the dog bark data acquired at Fanwood in 2012 and with adjustments for distance alone, the following sound level projections are applicable for the Chandler site:

Noise-Sensitive Receptor	Distance from Exercise Area (feet)	Dog Bark Sound Level, dB(A)	
		Average	Maximum
House to north	150	61	64
House to east	180	60	63

The results show that if and when dogs bark in exercise areas, maximum sound level will be below 65 dB(A) at residential receptors. Levels of this magnitude are not anticipated to generate any complaints or cause a disturbance in the neighborhood. Further, barks are expected to be below the prevailing maximum sound levels likely contributed due to vehicle passbys on Gatling Way.

It should be noted that dog barks are impulsive sounds, less than one second in duration, and do not cumulatively add. Therefore, regardless of the number of dogs in the exercise area, the projected sound levels above are representative of the level that results from either one dog bark or multiple dog barks.



## CONCLUSIONS

1. Analyses show that sound emitted by typical dog barking will be controlled by distance and fence shielding to meet recommended noise goals at noise-sensitive receptors.
2. Barking sound is also not expected to result in adverse noise impact, since barking sounds, when present, are expected to be lower in level than presumed prevailing maximum vehicle passby sound levels.
3. Based on our observations at similar facilities, dogs are monitored while outside; inappropriate barking is strongly discouraged and addressed by staff workers.
4. Dog barking will not be an acoustical issue during the night, as dogs are kept indoors and any sound will be significantly attenuated by the building façade.
5. Based on our analyses above, the facility is not anticipated to disturb the peace and quiet of the neighborhood at nearby residential receptors.

□ □ □ □

I trust that the above is helpful and I look forward to answering any questions you may have.

Sincerely,

OSTERGAARD ACOUSTICAL ASSOCIATES



Benjamin C. Mueller, P.E., Principal  
bmueller@acousticalconsultant.com

BCM:amc

## Rescue™ Concentrate Use Dilution (1:64 and Higher)

### SECTION 1. IDENTIFICATION

**Product Identifier** Rescue Concentrate Use Dilution (1:64 and Higher)  
**Recommended Use** Hard Surface Cleaner and Disinfectant.  
**Manufacturer** Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110  
**Emergency Phone No.** Virox Technologies Inc., 1-800-387-7578  
**SDS No.** 002240D2

### SECTION 2. HAZARDS IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012)

#### Classification

Not classified under any hazard class.

#### Label Elements

##### Signal Word

None.

##### Hazard Pictogram

None.

##### Hazard Statement(s)

None.

##### Precautionary Statement(s):

None.

### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide	7722-84-1	<0.1	

Active ingredients are listed above. EPA Reg. No. 74559-4.

### SECTION 4. FIRST-AID MEASURES

#### First-aid Measures

##### Inhalation

No specific first aid measures are required.

##### Skin Contact

No specific first aid measures are required.

##### Eye Contact

Flush with cool water. Remove contact lenses, if applicable, and continue washing. Obtain medical attention if irritation develops or persists.

##### Ingestion

No specific first aid measures are required.

### SECTION 5. FIRE-FIGHTING MEASURES

#### Extinguishing Media

##### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

##### Unsuitable Extinguishing Media

None known.

#### Specific Hazards Arising from the Product

None known.

### Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

No special precautions are necessary.

### Environmental Precautions

Prevent large spills from entering surface water ways.

### Methods and Materials for Containment and Cleaning Up

Use water rinse for final cleanup. Diluted product can be flushed to sanitary sewer.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Use good industrial hygiene practices in handling this material. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Conditions for Safe Storage

Store in an area that is out of direct sunlight. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen Peroxide	1 ppm		1 ppm			

### Appropriate Engineering Controls

No specific ventilation requirements.

### Individual Protection Measures

#### Eye/Face Protection

Not required if product is used as directed.

#### Skin Protection

Not required if product is used as directed.

#### Respiratory Protection

Not required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless.
Odour	Faint, characteristic odour
Odour Threshold	Not available
pH	~2.3
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 200 °F (93 °C)
Evaporation Rate	Not available
Flammability (solid, gas)	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available
Relative Density (water = 1)	1.00 at 68 °F (20 °C)
Solubility	Soluble in water
Partition Coefficient, n-Octanol/Water (Log Kow)	Not available

<b>Auto-ignition Temperature</b>	Not available
<b>Decomposition Temperature</b>	Not available
<b>Viscosity</b>	Not available
<b>Other Information</b>	
<b>Elemental Phosphorus</b>	0% by weight

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong bases (e.g. sodium hydroxide), reducing agents (e.g. hydroquinone). Copper and brass. Ferrous materials such as galvanized iron and heavy metals. Do not mix with any other cleaning or disinfecting products.

### Hazardous Decomposition Products

None known.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Inhalation; skin contact; eye contact; ingestion.

### Acute Toxicity

LC50 (Inhalation): >20 mg/L

LD50 (Oral): >5000 mg/kg

LD50 (Dermal): >5000 mg/kg

### Skin Corrosion/Irritation

Not a skin irritant.

### Serious Eye Damage/Irritation

Not an eye irritant.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not classified under GHS criteria.

#### Skin Absorption

Not classified under GHS criteria.

#### Ingestion

Not classified under GHS criteria.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

Not classified under GHS criteria.

### Respiratory and/or Skin Sensitization

Not a respiratory sensitizer. Not a skin sensitizer.

### Carcinogenicity

Not classified under GHS criteria.

### Reproductive Toxicity

#### Development of Offspring

Not classified under GHS criteria.

#### Sexual Function and Fertility

Not classified under GHS criteria.

**Effects on or via Lactation**

Not classified under GHS criteria.

**Germ Cell Mutagenicity**

Not classified under GHS criteria.

**Interactive Effects**

None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental Information: No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Diluted product can be flushed to sanitary sewer.

RCRA Hazard Class (Diluted Product): Not Classified

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Other Information** Not regulated under IMO/IMDG.

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations****Canada****Domestic Substances List (DSL) / Non-Domestic Substances List (NDSL)**

All ingredients are listed on the DSL/NDSL or exempt.

**USA****Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are listed on the TSCA Inventory or exempt from TSCA Inventory requirements under 40 CFR 720.

**Other U.S. Federal Regulations**

SARA 302/304/311/312 extremely hazardous substances: No listed substance.

SARA 302/304 emergency planning and notification: No listed substance.

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**SECTION 16. OTHER INFORMATION**

<b>NFPA Rating</b>	<b>Health - 0</b>	<b>Flammability - 0</b>	<b>Instability - 0</b>
<b>SDS Prepared By</b>	Virox Technologies Inc.		
<b>Phone No.</b>	(800) 387-7578		
<b>Date of Preparation</b>	October 13, 2015		
<b>Date of Last Revision</b>	May 31, 2021		
<b>Additional Information</b>	For an updated SDS please contact the supplier/manufacturer listed on the first page of this document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The contents of this document have been prepared in accordance with the Canadian Hazardous Products Regulations (WHIMIS 2015) and GHS (Globally Harmonized System of Classification and Labelling of Chemicals).		

Product Identifier:	Rescue Concentrate Use Dilution (1:64 and Higher)	SDS No.: 002240D2	
Date of Preparation:	October 13, 2015	Page	04 of 08
Date of Last Revision	May 31, 2021		

## Rescue Concentrate (US)

### One Step Disinfectant Cleaner & Deodorizer

#### SECTION 1. IDENTIFICATION

**Product Identifier** Rescue Concentrate (US)  
**Recommended Use** Concentrated Hard Surface Cleaner and Disinfectant.  
**Manufacturer** Virox Technologies Inc., 2770 Coventry Rd., Oakville, ON, L6H 6R1, 905-813-0110  
**Emergency Phone No.** Virox Technologies Inc., 1-800-387-7578  
**SDS No.** 002240

#### SECTION 2. HAZARD IDENTIFICATION

Classified according to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012)

##### Classification

Eye irritation - Category 2B

##### Label Elements

**Signal Word:** Warning

##### Hazard Statement(s):

Causes eye irritation.

##### Precautionary Statement(s):

**Prevention:** Wash hands and skin thoroughly after handling.

**Response:** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If eye irritation persists: Get medical advice/attention.

**Storage:** See Section 7 for Handling and Storage information.

**Disposal:** See Section 13 for Waste Disposal information.

#### SECTION 3. COMPOSITION/INFORMATION ON INGREDIENTS

Mixture:

Chemical Name	CAS No.	%	Other Identifiers
Hydrogen peroxide	7722-84-1	4.25	

#### SECTION 4. FIRST-AID MEASURES

##### First-aid Measures

###### Inhalation

Not a normal route of exposure.

###### Skin Contact

Remove contaminated clothing and thoroughly flush affected areas with lukewarm water. Obtain medical attention if irritation develops or persists.

###### Eye Contact

Flush with cool water for 10-15 min. Remove contact lenses, if applicable, once flushing has begun. If eye irritation persists, get medical advice/attention.

###### Ingestion

Rinse mouth with water. NEVER give anything by mouth if victim is rapidly losing consciousness, or is unconscious or convulsing. Do NOT induce vomiting. Call a Poison Centre or doctor if you feel unwell.

#### SECTION 5. FIRE-FIGHTING MEASURES

##### Extinguishing Media

###### Suitable Extinguishing Media

Not combustible. Use extinguishing agent suitable for surrounding fire.

###### Unsuitable Extinguishing Media

None known.

Product Identifier: Rescue Concentrate (US)

SDS No.: 002240

Date of Preparation: August 25, 2015

Date of Last Revision: May 31, 2021

Page 05 of 08

### Specific Hazards Arising from the Product

Decomposition releases oxygen, which may intensify fire.

### Special Protective Equipment and Precautions for Fire-fighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## SECTION 6. ACCIDENTAL RELEASE MEASURES

### Personal Precautions, Protective Equipment, and Emergency Procedures

Use the personal protective equipment recommended in Section 8 of this safety data sheet.

### Environmental Precautions

Before attempting clean-up, refer to hazard data. Review federal, provincial and local government requirements prior to disposal. Prevent large spills from entering sewers or waterways. Contact emergency services and supplier for advice.

### Methods and Materials for Containment and Cleaning Up

Contain and soak up spill with absorbent that does not react with spilled product. Place used absorbent into suitable, covered, labelled containers for disposal. Use water rinse for final cleanup.

## SECTION 7. HANDLING AND STORAGE

### Precautions for Safe Handling

Avoid contact with eyes, skin and clothing. Prevent accidental contact with incompatible materials. FOR COMMERCIAL AND INDUSTRIAL USE ONLY.

### Conditions for Safe Storage

Keep container tightly closed in a dry and well-ventilated place. Store in an area that is out of direct sunlight and away from heat and ignition sources. Avoid storage at elevated temperatures. KEEP OUT OF REACH OF CHILDREN.

## SECTION 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

### Control Parameters

Chemical Name	ACGIH TLV®		OSHA PEL		AIHA WEEL	
	TWA	STEL	TWA	Ceiling	8-hr TWA	TWA
Hydrogen peroxide	1 ppm		1 ppm			

### Appropriate Engineering Controls

No specific ventilation requirements.

### Individual Protection Measures

#### Eye/Face Protection

Safety goggles or glasses.

#### Skin Protection

Wear appropriate chemical resistant gloves.

#### Respiratory Protection

Not required if product is used as directed.

## SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

### Basic Physical and Chemical Properties

Appearance	Clear colourless liquid.
Odour	Faint, characteristic odour.
Odour Threshold	Not available
pH	~1.0
Melting Point/Freezing Point	Not available (melting); Not available (freezing)
Initial Boiling Point/Range	Not available
Flash Point	> 93 °C
Evaporation Rate	Not available
Upper/Lower Flammability or Explosive Limit	Not available (upper); Not available (lower)
Vapour Pressure	Not available
Vapour Density (air = 1)	Not available

<b>Relative Density (water = 1)</b>	1.019 - 1.054 at 25 °C
<b>Solubility</b>	Very soluble (more than 50 g/100 mL) in water
<b>Partition Coefficient, n-Octanol/Water (Log Kow)</b>	Not available
<b>Auto-ignition Temperature</b>	Not available
<b>Other Information</b>	
<b>Elemental Phosphorus</b>	0% by weight

## SECTION 10. STABILITY AND REACTIVITY

### Reactivity

Not reactive.

### Chemical Stability

This product is stable.

### Possibility of Hazardous Reactions

None known.

### Conditions to Avoid

Prolonged exposure to high temperatures.

### Incompatible Materials

Oxidizing agents (e.g. peroxides), strong bases (e.g. sodium hydroxide), reducing agents (e.g. hydroquinone). Copper and brass. Ferrous materials such as galvanized iron and heavy metals. Do not mix with any other cleaning or disinfecting products.

### Hazardous Decomposition Products

Decomposition releases oxygen, which may intensify fire.

## SECTION 11. TOXICOLOGICAL INFORMATION

### Likely Routes of Exposure

Skin contact; eye contact; ingestion; inhalation.

### Acute Toxicity

LC50 (Inhalation): > 2 mg/L

LD50 (Oral): > 2000 mg/Kg

LD50 (Dermal): > 5000 mg/Kg

### Serious Eye Damage/Irritation

Causes eye irritation.

### STOT (Specific Target Organ Toxicity) - Single Exposure

#### Inhalation

Not classified under GHS criteria.

#### Skin Absorption

Not classified under GHS criteria.

#### Ingestion

Not classified under GHS criteria.

### STOT (Specific Target Organ Toxicity) - Repeated Exposure

#### Respiratory and/or Skin Sensitization

Not classified under GHS criteria.

#### Carcinogenicity

Not classified under GHS criteria.

#### Reproductive Toxicity

##### Development of Offspring

Not classified under GHS criteria.

##### Sexual Function and Fertility

Not classified under GHS criteria.

##### Effects on or via Lactation

Not classified under GHS criteria.

Product Identifier: Rescue Concentrate (US)  
Date of Preparation: August 25, 2015  
Date of Last Revision: May 31, 2021

SDS No.: 002240

Page 07 of 08



**Germ Cell Mutagenicity**

Not classified under GHS criteria.

**Interactive Effects**

None known.

**SECTION 12. ECOLOGICAL INFORMATION**

Environmental Information: No data available.

**SECTION 13. DISPOSAL CONSIDERATIONS**

Review the STORAGE and DISPOSAL instructions on product label prior to disposal.

RCRA Hazard Class: D002

**SECTION 14. TRANSPORT INFORMATION**

Not regulated under Canadian TDG Regulations. Not regulated under US DOT Regulations.

**Special Precautions** Not applicable

**Other Information** Not regulated under IMO/IMDG (Marine)

**SECTION 15. REGULATORY INFORMATION****Safety, Health and Environmental Regulations****USA****Toxic Substances Control Act (TSCA) Section 8(b)**

All ingredients are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.

**Additional USA Regulatory Lists**

SARA 302/304/311/312 extremely hazardous substances: No listed substance.

SARA 302/304 emergency planning and notification: No listed substance.

EPA Registration No.: 74559-4

California Proposition 65: This product is not subject to the reporting requirements under California's Proposition 65.

**SECTION 16. OTHER INFORMATION****NFPA Rating**

Health - 2

Flammability - 0

Instability - 0

Special Hazards - None

**SDS Prepared By** Virox Technologies Inc.

**Phone No.** (800) 387-7578

**Date of Preparation** August 25, 2015

**Date of Last Revision** May 31, 2021

**Additional Information** For an updated SDS please contact the supplier/manufacturee listed on the first page of this document. Information contained herein was obtained from sources considered technically accurate and reliable. While every effort has been made to ensure full disclosure of product hazards, in some cases data is not available and is so stated. Since conditions of actual product use are beyond control of the supplier, it is assumed that users of this material have been fully trained according to the requirement of all applicable legislation and regulatory instruments. No warranty, expressed or implied, is made and manufacturer/supplier will not be liable for any losses, injuries or consequential damages which may result from the use of or reliance on any information contained in this document. The contents of this document have been prepared in accordance to Canada's Hazardous Products Regulations (WHMIS 2015) and the US Hazard Communication Standard (HCS 2012)

Product Identifier: Rescue Concentrate (US)

SDS No.: 002240

Date of Preparation: August 25, 2015

Date of Last Revision: May 31, 2021

Page 08 of 08

# SAFETY DATA SHEET

Issue Date 05-May-2015

Revision Date 06-Mar-2017

Version 2

## 1. PRODUCT AND COMPANY IDENTIFICATION

### Product identifier

**Product Name** ODORPET CONCENTRATE

### Other means of identification

**Product Code** ATP 5529

### Recommended use of the chemical and restrictions on use

**Recommended Use** Odor Neutralizer.

**Uses advised against** Use only as stated on label.

### Details of the supplier of the safety data sheet

**Supplier** Alpha Tech Pet, Inc.  
25 Porter Road, Suite 210  
Littleton, MA 01460  
Phone: (800) 222-5537 (Mon - Fri)

### Emergency telephone number

**Emergency Telephone** Chemtrec 1-800-424-9300

## 2. HAZARDS IDENTIFICATION

### Classification

#### **OSHA Regulatory Status**

This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

Acute toxicity - Oral	Category 5
Acute toxicity - Dermal	Not classified
Serious eye damage/eye irritation	Category 1

### Label elements

#### **Emergency Overview**

#### **Danger**

#### **Hazard statements**

May be harmful if swallowed  
Causes serious eye damage



**Appearance** Light Amber

**Physical state** Liquid

**Odor** Cherry

#### **Precautionary Statements - Prevention**

Wear protective gloves/protective clothing/eye protection/face protection

#### **Precautionary Statements - Response**

Call a POISON CENTER or doctor/physician if you feel unwell

IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing

Immediately call a POISON CENTER or doctor/physician

**Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

**Hazards not otherwise classified (HNOC)****Other Information**

Unknown Acute Toxicity

20% of the mixture consists of ingredient(s) of unknown toxicity

**3. COMPOSITION/INFORMATION ON INGREDIENTS**

Chemical Name	CAS No.	Weight-%	Trade Secret
Proprietary	Proprietary	10-30	*
Alcohol Ethoxylate	68439-46-3	3-7	*
Polyglycol Block Polymer	9003-11-6	1-5	*

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

**4. FIRST AID MEASURES****First aid measures**

**Skin Contact** Wash skin with soap and water.

**Eye contact** Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids.  
Consult a physician

**Inhalation** Remove to fresh air.

**Ingestion** Clean mouth with water and drink afterwards plenty of water.

**Most important symptoms and effects, both acute and delayed**

**Symptoms** No Information available.

**Indication of any immediate medical attention and special treatment needed**

**Note to physicians** Treat symptomatically.

**5. FIRE-FIGHTING MEASURES****Suitable extinguishing media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media** Caution: Use of water spray when fighting fire may be inefficient.

**Specific hazards arising from the chemical**

No Information available.

**Explosion data**

**Sensitivity to Mechanical Impact** None.

**Sensitivity to Static Discharge** None.

**Protective equipment and precautions for firefighters**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions, protective equipment and emergency procedures**

**Personal precautions** Ensure adequate ventilation, especially in confined areas.

**Environmental precautions**

**Environmental precautions** See Section 12 for additional ecological information.

**Methods and material for containment and cleaning up**

**Methods for containment** Prevent further leakage or spillage if safe to do so.

**Methods for cleaning up** Pick up and transfer to properly labeled containers.

**7. HANDLING AND STORAGE****Precautions for safe handling**

**Advice on safe handling** Handle in accordance with good industrial hygiene and safety practice.

**Conditions for safe storage, including any incompatibilities**

**Storage Conditions** Keep containers tightly closed in a dry, cool and well-ventilated place.

**Incompatible materials** None known based on information supplied.

**8. EXPOSURE CONTROLS/PERSONAL PROTECTION****Control parameters**

**Exposure Guidelines** This product, as supplied, does not contain any hazardous materials with occupational exposure limits established by the region specific regulatory bodies.

**Appropriate engineering controls**

**Engineering Controls** Showers, Eyewash stations & Ventilation systems.

**Individual protection measures, such as personal protective equipment**

**Eye/face protection** Wear safety glasses with side shields (or goggles).

**Skin and body protection** Wear chemical resistant gloves.

**Respiratory protection** If exposure limits are exceeded or irritation is experienced, NIOSH/MSHA approved respiratory protection should be worn. Positive-pressure supplied air respirators may be required for high airborne contaminant concentrations. Respiratory protection must be provided in accordance with current local regulations.

**General Hygiene** Handle in accordance with good industrial hygiene and safety practice.

**9. PHYSICAL AND CHEMICAL PROPERTIES****Information on basic physical and chemical properties**

<b>Physical state</b>	Liquid		
<b>Appearance</b>	Light Amber		
<b>Odor</b>	Cherry	<b>Odor threshold</b>	No Information available
<b>Property</b>	<b>Values</b>	<b>Remarks • Method</b>	
pH	7.5 - 8.5		
Melting point/freezing point	No Information available		
Boiling point / boiling range	No Information available		
Flash point	None		

Evaporation rate	No Information available
Flammability (solid, gas)	No Information available
Flammability Limits in Air	
Upper flammability limit:	No Information available
Lower flammability limit:	No Information available
Vapor pressure	No Information available
Vapor density	No Information available
Specific Gravity	1.035
Water solubility	Complete
Solubility in other solvents	No Information available
Partition coefficient	No Information available
Autoignition temperature	No Information available
Decomposition temperature	No Information available
Kinematic viscosity	No Information available
Viscosity	No Information available
Explosive properties	No Information available
Oxidizing properties	No Information available

## 10. STABILITY AND REACTIVITY

### Reactivity

No data available

### Chemical stability

Stable under recommended storage conditions.

### Possibility of Hazardous Reactions

None under normal processing.

### Conditions to avoid

Extremes of temperature and direct sunlight.

### Incompatible materials

None known based on information supplied.

### Hazardous Decomposition Products

None known based on information supplied.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

Product Information	No data available
Inhalation	No data available.
Eye contact	Corrosive to the eyes and may cause severe damage including blindness.
Skin Contact	No data available.
Ingestion	May be harmful if swallowed.

### Information on toxicological effects

Symptoms No Information available.

### Delayed and immediate effects as well as chronic effects from short and long-term exposure

Sensitization No Information available.

Germ cell mutagenicity	No Information available.
Carcinogenicity	No Information available.
Reproductive toxicity	No Information available.
STOT - single exposure	No Information available.
STOT - repeated exposure	No Information available.
Aspiration hazard	No Information available.

**Numerical measures of toxicity - Product Information**

**Unknown Acute Toxicity** 20% of the mixture consists of ingredient(s) of unknown toxicity  
The following values are calculated based on chapter 3.1 of the GHS document .

**12. ECOLOGICAL INFORMATION****Ecotoxicity**

26.5% of the mixture consists of components(s) of unknown hazards to the aquatic environment

**Persistence and degradability**

No Information available.

**Bioaccumulation**

No Information available.

**Other adverse effects**

No Information available

**13. DISPOSAL CONSIDERATIONS****Waste treatment methods**

<b>Disposal of wastes</b>	Disposal should be in accordance with applicable regional, national and local laws and regulations.
<b>Contaminated packaging</b>	Do not reuse container.

**14. TRANSPORT INFORMATION**

<b><u>DOT</u></b>	Not regulated
-------------------	---------------

**15. REGULATORY INFORMATION****International Inventories**

<b>TSCA</b>	Complies
<b>DSL/NDL</b>	Complies
<b>EINECS/ELINCS</b>	Does not comply
<b>AICS</b>	Does not comply

**Legend:**

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDL** - Canadian Domestic Substances List/Non-Domestic Substances List

**EINECS/ELINCS** - European Inventory of Existing Chemical Substances/European List of Notified Chemical Substances

**AICS** - Australian Inventory of Chemical Substances

**US Federal Regulations****SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any

chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

**SARA 311/312 Hazard Categories**

Acute health hazard	No
Chronic Health Hazard	No
Fire hazard	No
Sudden release of pressure hazard	No
Reactive Hazard	No

**CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

**CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

**US State Regulations****California Proposition 65**

This product does not contain any Proposition 65 chemicals

**U.S. State Right-to-Know Regulations****U.S. EPA Label Information**

EPA Pesticide Registration Number Not Applicable

**16. OTHER INFORMATION**

<b><u>NFPA</u></b>	Health hazards 1	Flammability 0	Instability 0	<b>Physical and Chemical Properties</b> Yes
<b><u>HMIS</u></b>	Health hazards 1	Flammability 0	Physical hazards 0	<b>Personal protection</b> B

Issue Date 05-May-2015

Revision Date 06-Mar-2017

**Revision Note**

No Information available

**Disclaimer**

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text.

**End of Safety Data Sheet**



# Bufftech® Molded Fence

*The Bufftech Advantage starts with details.*

## Patented Construction

Rotationally-molded allowing realistic granite-stone appearance and dramatic wood texture.

## Internal Reinforcement

with galvanized steel to withstand significant impact or wind load without compromising aesthetics.

## Sound Barrier

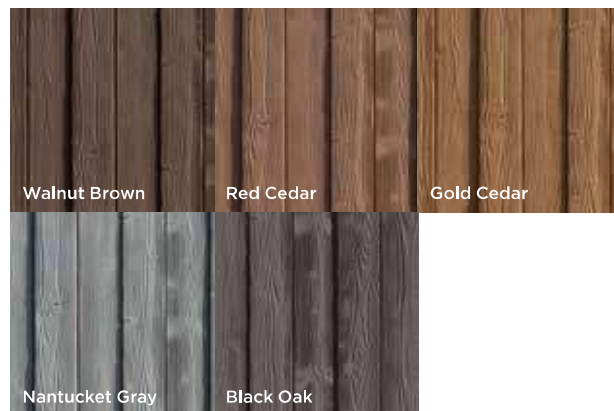
Blocks 98% of direct sound.

## Color & Texture

Bufftech fence products set the standard for the latest innovations in decorative privacy. From our proprietary manufacturing process to our vibrant colors, CertainTeed is the undisputed leader in color and texture. Our TrueTexture™ finish is molded from real wood and stone to deliver the most authentic look available today. Plus, Bufftech is virtually maintenance-free, and never needs staining or painting. For complete style and color specifications, see page 58.



## Sherwood



Colors throughout this brochure are simulated.

**Consult product color samples before making final selection.**



## Performance

Bufftech's molded fence is made with a proprietary blend of polyethylene plastic and is reinforced with galvanized steel. Our extremely durable fence creates solid privacy and security without compromising aesthetics.



With exclusive WindZone™ performance, Bufftech fence is engineered for use in high wind and hurricane conditions, as approved by Miami-Dade County NOA #20-0303.01\*. Recognized as the most stringent standards in the country, Miami-Dade test protocols include dynamic wind load testing up to 115 mph.



The Bufftech line meets requirements of the ASTM and includes styles that comply with local codes for swimming pool applications. Check with your local building code official as local codes may vary.



Allegheny panels block 98% of direct sound, with an (STC) sound transmission class of 26, to create quiet spaces.

\*Miami-Dade County-approved NOA #20-0303.01, for exceptional performance in high wind conditions. To comply with WindZone Performance, additional items are needed for installation. Please reference our product catalog. Expires 4/4/2023.

## Peace of Mind

CertainTeed stands behind the Bufftech molded fence line with an exceptional lifetime limited warranty.



Bufftech Sherwood and Allegheny have CertainTeed's ColorLast® fade protection. UV inhibitors protect against the sun's harsh rays to maintain vibrant colors. Our polymers have been tested to withstand extreme weather conditions with little or no fading.

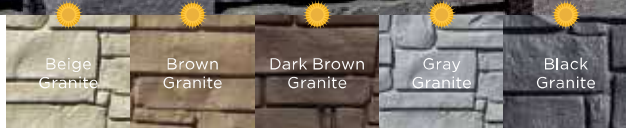
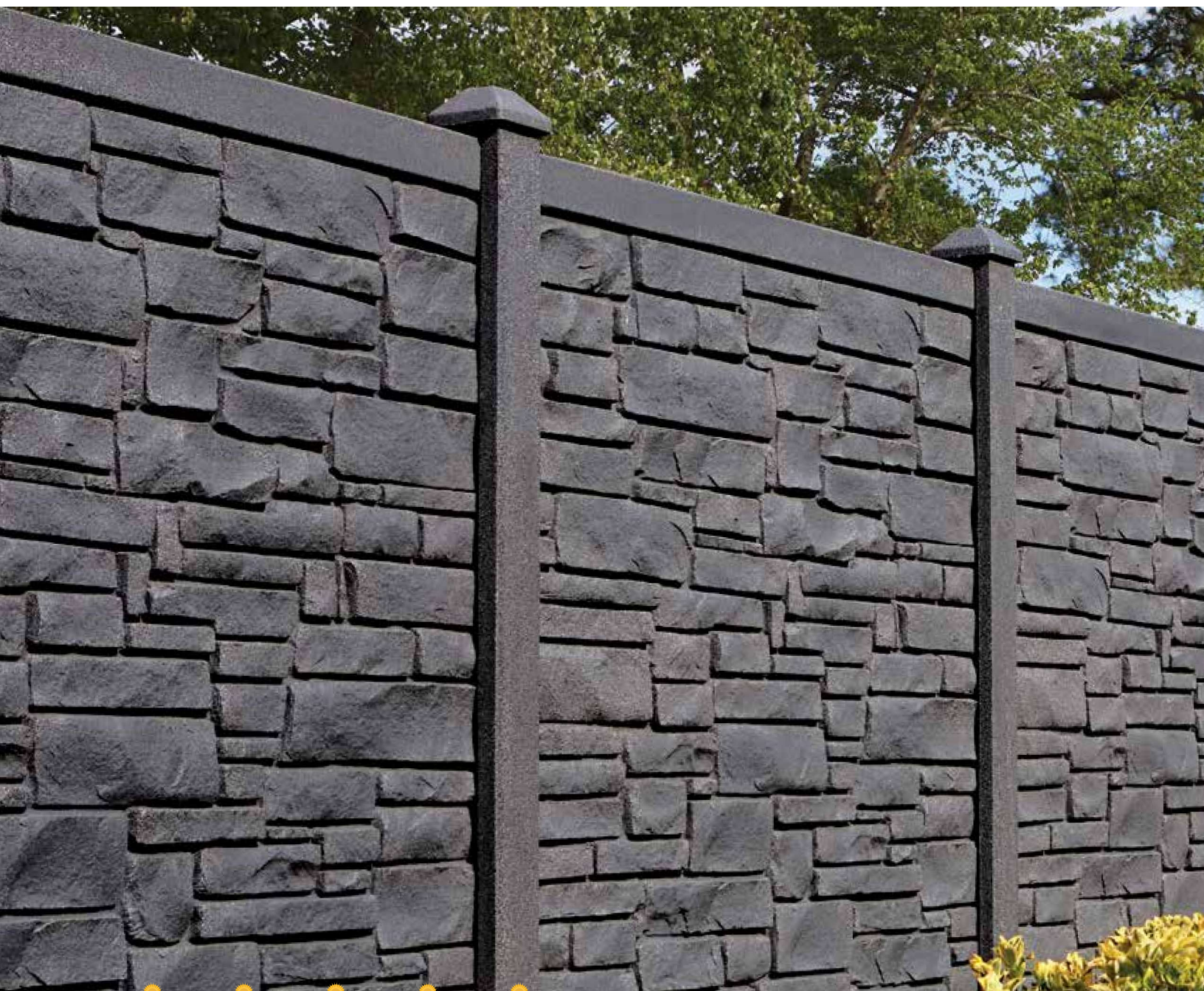
Graffiti resistance makes removing graffiti easy by using a high-powered pressure washer.



CertainTeed is actively pursuing strategies to reduce our environmental impact, while increasing the sustainability of our operations and products. CertainTeed conducted a Life Cycle Assessment (LCA) that was submitted to the National Institute of Standards and Technology (NIST) and was published in the building product LCA database, BEES (Building for Environmental and Economic Sustainability).



A company you can trust. For more than 100 years, homeowners and building professionals alike have relied on CertainTeed as a trusted source of innovative, high-quality building products. Bufftech® continues this long-standing tradition with its superior fence line, proudly made in the U.S.A.



## Allegheny

Bufftech's patented design of rotationally-molded fence allows realistic stone appearance and superior performance. Allegheny has excellent impact-resistance and creates an excellent sound barrier.

**Panel Sizes:** 6' x 6', 4' x 8'

**Heights:** 4' & 6'

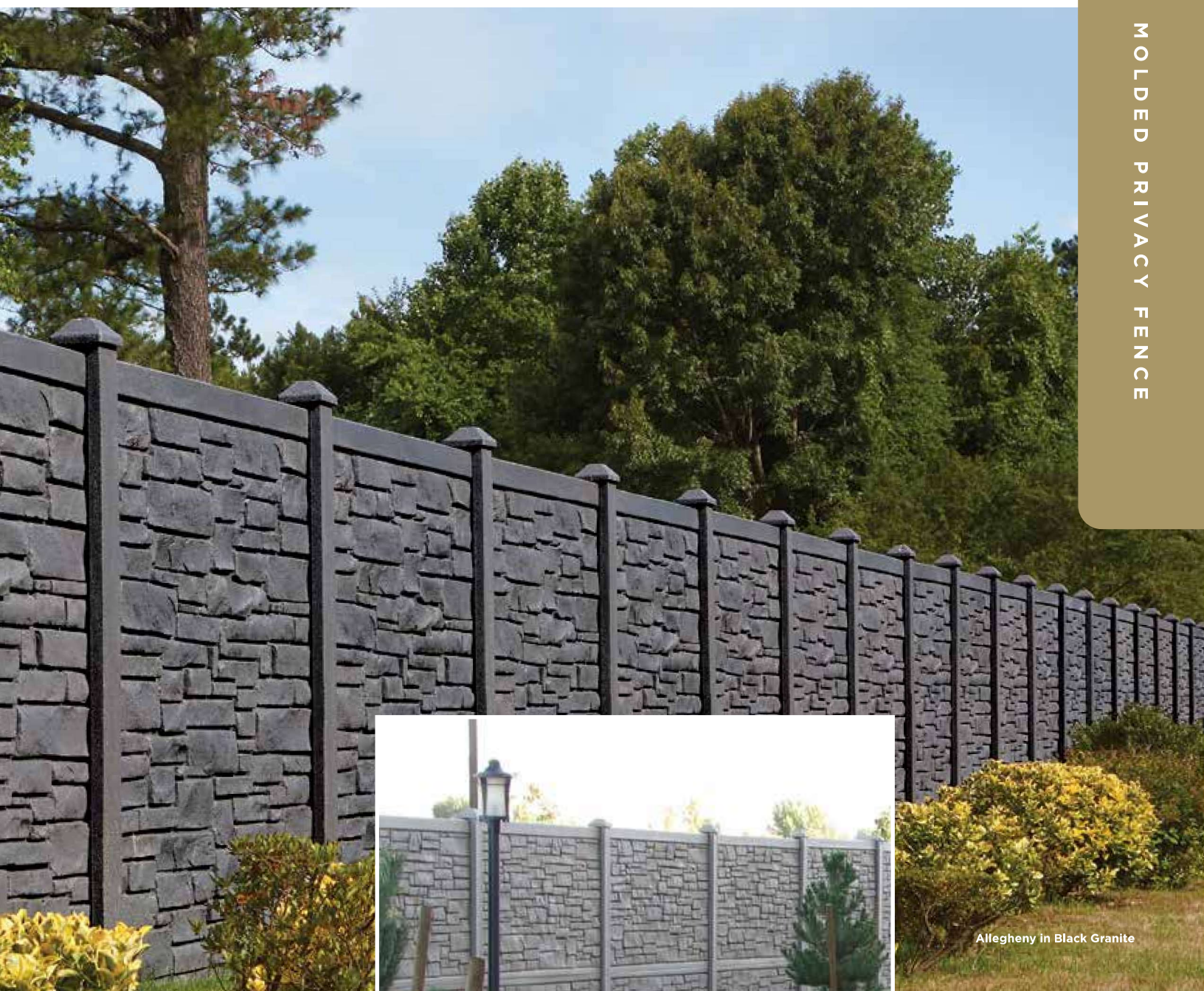
**Stackable:** 8' & 12'

Steel Reinforced Panels



STC 26





Allegheny in Black Granite

4'x 8' and 6'x6' panels are stackable.