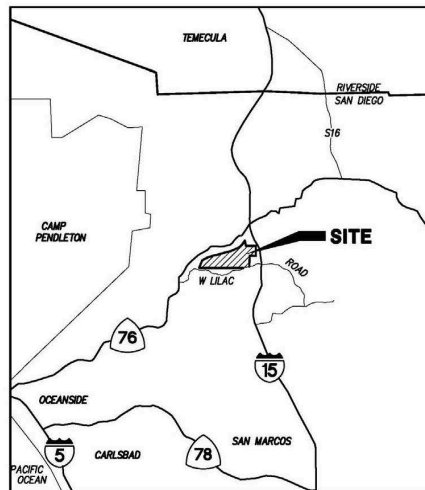


**OCEAN BREEZE RANCH
5820 West Lilac Road
Bonsall, CA 92003**

VECTOR CONTROL PLAN

Background:

Ocean Breeze Ranch (OBR) is a currently operating equestrian facility, dedicated to the training, breeding, rehabilitation and boarding of horses. The equestrian facility consists of 203.6 acres. The facility is an equestrian breeding facility, and during foaling season, additional young horses are being born. In addition, horses which have been travelling on a racing circuit are brought back to the ranch for rest and occasionally for rehabilitation in the event of injury.



VICINITY MAP NTS

OBR shall be subject to the terms and conditions of County-approved Major Use Permit PDS2016-MUP-013 ("MUP"), which shall regulate operations and the number of horses which OBR is allowed to house at the facility at any one time. As part of the MUP, OBR is subject to the terms and conditions of a Manure Management Plan for the facility.

Vector Control Plan Purpose:

This Vector Control Plan (VCP) is intended to establish procedures to be followed by the ranch, in order to manage the existence of vectors at the facility due to various potential sources for breeding of vectors. For purposes of this Plan, "vectors" are collectively defined as rats, mice, flies, or mosquitoes. The VCP is intended to work in conjunction with the approved Manure Management Plan ("MMP".)

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The VCP establishes criteria and ongoing controls to ensure the ongoing management of sources for vector populations, so as to avoid human, animal or water quality health hazards stemming from possible uncontrolled increases in vector populations. The VCP establishes goals, employee education requirements, maintenance activities, reporting criteria, and provisions for periodic inspections. This VCP has been created in consultation with the San Diego County Department of Environmental Health, Vector Surveillance and Control Program. This VCP has been created to meet the requirements of the MUP for the Ocean Breeze Ranch equestrian facility.

Facilities Description:

7 Barns (including tack rooms and employee break rooms)	25 fenced pastures
1 Equipment / Hay Storage Barn	23 roofed pens
1 Work Shop	14 Pens without roofs
3 Groundwater Well pump houses	2 open-air arenas
8 Employee houses	1 circular exerciser
1 future therapy pool	9 existing pasture shade structures
1 water pond	16 proposed pasture shade structures

Education:

Staff will be given instruction at time of hiring and thereafter once per year, on the importance and methods of managing fly, mosquito and rodent populations. The fly breeding cycle will be explained and ranch management will stress the importance of breaking the fly breeding cycle within 7 days. The importance of best management practices and integrated pest management will be reviewed to understand what staff could do to protect the watershed and water supply.

Vector Control Operations:

A. Required manure management practices

OBR shall be required to perform the manure management and disposal steps outlined in the approved MMP.

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B. Pond Management:

The ranch includes a single, large pond located north of the Stallion Barn and south of Pastures 7 & 8. This pond requires management to prevent a sudden or substantial increase in population of mosquitoes or other undesirable insects.

Water in the pond shall be freshened by small, regular addition of fresh water, and by recirculating the pond's water through pumps and discharged back into the pond, in order to promote water movement, disturb the water's surface and prevent stagnation.

C. Management of Standing Water:

OBR shall be required to monitor possible formation of standing water bodies, eliminate such features when they form and prevent their return at subsequent points in time.

- 1) Standing water shall mean 1/2 " in depth, not draining or evaporating within 3 days.
- 2) Monitor facility for areas where water may pond, accumulate or otherwise form into a body of standing water.
- 3) Ensure hoses or other water sources do not leak and lead to standing water.
- 4) Remove standing water using mechanical means such as raking, shoveling, blading, or pumping.
- 5) Eliminate low area by filling soil, to prevent subsequent formation of new water body
- 6) If necessary, periodic rolling and compaction of rutted, soft or muddy areas may be necessary to eliminate opportunities for standing water.

D. Trash Management:

OBR shall manage garbage waste in order to eliminate candidate locations for fly breeding and infestation and attraction of rodents.

- 1) Monitor trash collection or dumpster areas on weekly basis
- 2) Ensure trash overspill surrounding dumpsters is picked up promptly to prevent attraction of flies and rodents

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- 3) Perform monthly (or if necessary, more frequent) pressure washing or hosing out of dumpsters

E. Hay Storage:

OBR shall implement horse industry best management practices for preventing rodent nesting and infestation in hay areas.

F. Pest Control:

OBR shall monitor fly and mosquito levels throughout the year, and shall take preventative steps to limit rapid increases in pest levels, and/or corrective steps in the event insect levels rise unacceptably.

Options for Available Control Measures:

- 1) Deployment of fly parasites.
- 2) Fly catchers/electronic "zappers"
- 3) Cross-ventilate barn areas using industrial-grade fans
- 4) Any other available industry measure used in the horse industry

G. Monitoring and Reporting:

OBR shall be required to monitor compliance, provide employee training, establish and maintain documentation, and provide periodic reports to the County of San Diego.

Monitoring and Reporting:

OBR shall be required to monitor compliance, provide employee training, establish and maintain documentation, and provide periodic reports to the County of San Diego.

- 1) OBR shall establish a log book of inspection by ranch personnel for facility's required vector control practices.

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- 2) Log shall demonstrate a minimum of bi-weekly (ie, twice per month) inspections by appropriate ranch management personnel of vector control practices.
- 3) Log shall be provided for review at ranch office upon request to any inspector of the County of San Diego who may request logbook.
- 4) OBR shall maintain record of monthly vector control steps taken.
- 5) OBR shall certify in writing once annually to County of San Diego that all requirements of the Vector Control Plan have been met.
- 6) In the event that vectors at OBR are causing negative effects, such as contamination of downstream waterways, or increases in vector populations, the County of San Diego Vector Control unit shall be authorized to use available enforcement techniques which may include but not be limited to issuance of citations, entering onto the property, enforcing corrective work, levying fines, or other methods allowed under applicable regulations.

(SIGNATURES APPEAR ON THE FOLLOWING PAGE)

Ocean Breeze Ranch
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Vector Control Plan

ACKNOWLEDGED AND AGREED:

OCEAN BREEZE RANCH, LLC

Signed:  _____

Print name: Jim Gonnard

Title: owner's rep.

Date: 9/15/19

COUNTY OF SAN DIEGO

Signed: _____

Print name: _____

Title: _____

Date: _____

Prepared by Peter Fagrell, Helios Property Solutions LLC