



EDMUND G. BROWN JR.
GOVERNOR



MATTHEW RODRIGUEZ
SECRETARY FOR
ENVIRONMENTAL PROTECTION

Los Angeles Regional Water Quality Control Board

June 1, 2012

Mr. John J. O'Brien
Malibu Lumber LLC
c/o Weintraub Financial Services Inc.
P.O. Box 6528
Malibu, CA 90264

Mr. Jim Thorsen
Manager
City of Malibu
23815 Stuart Ranch Road
Malibu, CA 90265-0950

MODIFICATION TO MONITORING AND REPORTING PLAN FOR WASTE DISCHARGE REQUIREMENTS AND WATER RECLAMATION REQUIREMENTS FOR MALIBU LUMBER ORDER NO. R4-2008-0211, (CI-9481, FILE NO. 08-019, WDR GLOBAL ID WDR10000538)

Dear Mr. O'Brien and Mr. Thorsen:

The California Regional Water Quality Control Board, Los Angeles Region (Regional Board), is the public agency with primary responsibility for the protection of ground and surface water quality for all beneficial uses within major portions of Los Angeles and Ventura Counties, including the referenced property above. On December 11, 2008, the Regional Board adopted Waste Discharge Requirements (WDR) and Water Reclamation Requirements (WRR) R4-2008-0211 and Monitoring and Reporting Plan (MRP) CI-9481 for the Malibu Lumber facility owned by the City of Malibu and Malibu Lumber, LLC (Dischargers).

On March 3, 2011, the City requested the Regional Board's approval to re-route the effluent from the Malibu Animal Hospital (Hospital) to the Malibu Lumber treatment system, with a modification to MRP CI-9481 for Malibu Lumber. As part of this request, the City shared the source control and best management practices (BMPs) that would be utilized at the Animal Hospital to reduce or eliminate these chemicals entering the effluent. Regional Board staff is approving this request with the condition of additional monitoring and full implementation of the BMPs at the Animal Hospital. The City should also periodically inspect the Animal Hospital and collect samples annually for Chemicals of Emerging Concern (CECs) in order to ensure the protection of human health and the environment. Advanced treatment for the Hospital waste will protect the groundwater in the Malibu Civic Center which discharges to Malibu Lagoon and Santa Monica Bay.

Background

On March 8, 2011, we received the City of Malibu's Report of Waste Discharge (ROWD) application (attached) to add the discharge of commercial wastewater from the Malibu Animal

MARIA MEHRANIAN, CHAIR | SAMUEL UNGER, EXECUTIVE OFFICER

Hospital to the existing on-site wastewater treatment system at Malibu Lumber covered by WDR Order No. R4-2008-0211 and MRP CI No. 9481. The Malibu Lumber WDR requires the effluent to be treated to meet recycled water quality.

The Animal Hospital currently discharges 1,600 gallons per day (gpd) under General WDR 01-031 and MRP CI 8711. The site's 2000 gallon septic tank and a 1,220 square foot leachfield were enrolled on April 16, 2004 without groundwater monitoring. The Hospital's primary treatment process, with secondary subsurface treatment, is more than ten years old. Waste treatment will be enhanced if the effluent is included in Malibu Lumber's tertiary treatment process with disposal to a leachfield with groundwater monitoring wells.

Monitoring and Reporting Program Revisions

The State Water Resource Control Board's Resolution 2009-011, the Recycled Water Policy, requires that the potential impacts CECs be evaluated. MRP CI-9481 for Malibu Lumber is modified to include annual sampling of chemicals which may impact human health or the environment, as summarized in Table 1, below.

The ROWD for the modification of the Malibu Lumber WDR/WRR includes a list of CECs which are used at the Malibu Animal Hospital and may be contained in the effluent (attached), including triclosan, sulfamethoxazole, amoxicillin, azithromycin and ciprofloxacin.

Malibu Lumber MRP CI-9481 already directs the Dischargers to the CDPH's website for the analytical test methods to be used, including those for CECs (T-7), at <http://www.cdph.ca.gov/certlic/drinkingwater/Pages/EmergingContaminants.aspx>.

Reporting

Please continue to submit monitoring reports according to the waste discharge requirements specified in the Monitoring and Reporting Program No. CI-9481, which is part of Order No. R4-2008-0211.

The Permittee shall comply with the Electronic Submittal of Information (ESI) requirements by submitting all reports required under the MRP, including groundwater monitoring data, discharge location data, and monitoring reports (pdf format) to the State Water Resources Control Board GeoTracker database under Global ID WDR100000538. An ESI training video is available at:

<https://waterboards.webex.com/waterboards/ldr.php?AT=pb&SP=MC&rID=44145287&rKey=7dad4352c990334b>.

Please see the Paperless Office Notice for GeoTracker Users, dated December 12, 2011 for further details at:

<http://www.waterboards.ca.gov/losangeles/resources/Paperless/Paperless%20Office%20for%20OGT%20Users.pdf>.

Table 1

"A. Effluent Monitoring 2. The following shall constitute the effluent monitoring program:

Constituent	Units¹	Type of Sample	Minimum Frequency of Analysis
Total Flow	gal/day	recorder	continuous
pH	pH units	grab	weekly
Suspended Solids	mg/L	grab	weekly
BOD ₅ 20 ⁰ C	mg/L	grab	weekly
Turbidity	NTU	recorder	continuous
Total and Fecal Coliform	MPN/100mL	grab	daily ⁵
Enterococcus	MPN/100mL	grab	daily ¹
E. Coli	MPN/100ml	grab	daily ¹
Oil and Grease	mg/L	grab	weekly
Total Dissolved Solids	mg/L	grab	monthly
Chloride	mg/L	grab	monthly
Chlorine ²	mg/L	grab	monthly
Boron	mg/L	grab	monthly
Sulfate	mg/L	grab	monthly
Nitrate-N	mg/L	grab	weekly
Nitrite-N	mg/L	grab	weekly
Ammonia-N	mg/L	grab	weekly
Organic nitrogen	mg/L	grab	weekly
Phosphorus	mg/L	grab	monthly
Methylene Blue Active Substances (MBAS)	mg/L	grab	monthly
Caffeine	mg/L	grab	monthly
Priority Pollutant Scan ³	µg/L	grab	monthly for the first year and then annually
CECs ⁴	µg/L	grab	annually

1 mg/L is milligrams per liter, gal/day is gallons per day, NTU is nephelometric turbidity units, µg/L is micrograms per liter, and MPN/100 mL is most probable number per 100 milliliters.

2 If chlorination is used for disinfection

3 See Attachment A for Priority Pollutants

4 A list of CECs to be sampled is included in June 1, 2012 letter modifying the monitoring and reporting plan.


5 Daily monitoring is required for the first 6 months and upon direction by the Executive Officer. After 6 months, the Discharger may provide written documentation in support of a change of monitoring frequency for approval by the Executive Officer"

Termination

The Malibu Animal Hospital enrollment under General Permit 01-031 and MRP CI- 8711, is terminated, except for enforcement purposes.

If you have any questions please call Project Manager, Ms. Elizabeth Erickson, at (213) 620-2264 or Chief of Groundwater Permitting, Dr. Eric Wu, at (213) 576-6683 regarding this matter.

Sincerely,


Samuel Unger, P. E.
Executive Officer

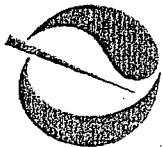
Attachments:

Effluent Monitoring of CECs
Report of Waste Discharge

cc: Mr. Gordon Innes, Division of Water Quality, State Water Resources Control Board
Mr. Craig George, Mr. Andrew Sheldon, Mr. Jim Thorsen, City of Malibu
Mr. William C. Stratton, County of Ventura, Environmental Health Division
Mr. Ramil Parial, Department of Public Works, Environmental Program Division,
County of Los Angeles
Mr. Chi Diep, CA Dept. of Public Health Drinking Water Program

Attachment – Effluent Monitoring of CECs

Parameter	Units
17 α -Ethinyl Estradiol	ng/L
17 β -Estradiol	ng/L
Estrone	ng/L
Bisphenol A	ng/L
Nonylphenol and nonylphenol polyethoxylates	ng/L
Octylphenol and octylphenol polyethoxylates	ng/L
Polybrominated diphenyl ethers	ng/L
Acetaminophen	ng/L
Amoxicillin	ng/L
Azithromycin	ng/L
Carbamazepine	ng/L
Caffeine	ng/L
Ciprofloxacin	ng/L
N,N-Diethyl-meta-toluamide (DEET)	ng/L
Dilantin	ng/L
Gemfibrozil	ng/L
Ibuprofen	ng/L
Lipitor	ng/L
Primidone	ng/L
Sulfamethoxazole	ng/L
Trimethoprim	ng/L
Salicylic acid	ng/L
Tris (2-carboxyethyl) phosphine (TCEP)	ng/L
Triclosan	ng/L



State of California
Regional Water Quality Control Board
APPLICATION/REPORT OF WASTE DISCHARGE
GENERAL INFORMATION FORM FOR
WASTE DISCHARGE REQUIREMENTS OR NPDES PERMIT

File
03-176



I. FACILITY INFORMATION

A. Facility:

377959

Name: MALIBU ANIMAL HOSPITAL				C18711	
Address: 23431 PACIFIC COAST HIGHWAY					
City: MALIBU		County: LOS ANGELES	State: CA	Zip Code: 90265	
Contact Person: DEAN GRAULIC			Telephone Number: 310-374860		

B. Facility Owner:

Name: CITY OF MALIBU			Owner Type (Check One)		
Address: 23815 STUART RANCH ROAD			1. <input type="checkbox"/> Individual	2. <input type="checkbox"/> Corporation	
City: MALIBU		State: CA	Zip Code: 90265	3. <input type="checkbox"/> Governmental Agency	
Contact Person: JIM THORSEN - CITY MANAGER		Telephone Number: 310-4562489		4. <input type="checkbox"/> Partnership Agency	
			5. <input type="checkbox"/> Other:		

C. Facility Operator (The agency or business, not the person):

Name: MALIBU ANIMAL HOSPITAL			Operator Type (Check One)		
Address: 23431 PACIFIC COAST HWY			1. <input type="checkbox"/> Individual	2. <input checked="" type="checkbox"/> Corporation	
City: MALIBU		State: CA	Zip Code: 90265	3. <input type="checkbox"/> Governmental Agency	
Contact Person: DEAN GRAULIC		Telephone Number: 310-374560		4. <input type="checkbox"/> Partnership Agency	
			5. <input type="checkbox"/> Other:		

D. Owner of the Land:

Name: CITY OF MALIBU			Owner Type (Check One)		
Address: 23815 STUART RANCH ROAD			1. <input type="checkbox"/> Individual	2. <input type="checkbox"/> Corporation	
City: MALIBU		State: CA	Zip Code: 90265	3. <input type="checkbox"/> Governmental Agency	
Contact Person: JIM THORSEN - CITY MANAGER		Telephone Number: 310-4562489-X226		4. <input type="checkbox"/> Partnership Agency	
			5. <input type="checkbox"/> Other:		

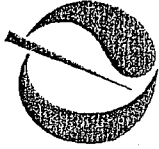
E. Address Where Legal Notice May Be Served:

Address: 23815 STUART RANCH ROAD					
City: MALIBU		State: CA	Zip Code: 90265		
Contact Person: JIM THORSEN - CITY MANAGER			Telephone Number: 310-4562489 X 226		

F. Billing Address:

Address: 23815 STUART RANCH ROAD					
City: MALIBU		State: CA	Zip Code: 90265		
Contact Person: JIM THORSEN - CITY MANAGER			Telephone Number: 310-4562489-X 229		

Rec'd 3/8/11



APPLICATION/REPORT OF WASTE DISCHARGE GENERAL INFORMATION FORM FOR WASTE DISCHARGE REQUIREMENTS OR NPDES PERMIT



II. TYPE OF DISCHARGE

Check Type of Discharge(s) Described in this Application (A or B):

A. WASTE DISCHARGE TO LAND

B. WASTE DISCHARGE TO SURFACE WATER

Check all that apply:

- Domestic/Municipal Wastewater Treatment and Disposal
- Cooling Water
- Mining
- Waste Pile
- Wastewater Reclamation
- Other, please describe: _____

- Animal Waste Solids
- Land Treatment Unit
- Drèdge Material Disposal
- Surface Impoundment
- Industrial Process Wastewater

- Animal or Aquacultural Wastewater
- Biosolids/Residual
- Hazardous Waste (see instructions)
- Landfill (see instructions)
- Storm Water

III. LOCATION OF THE FACILITY

Describe the physical location of the facility.

1. Assessor's Parcel Number(s)
 Facility: 4458-020-903
 Discharge Point: 4458-020-903

2. Latitude
 Facility: 34.02.07
 Discharge Point: 34.02.07

3. Longitude
 Facility: 118.26.05
 Discharge Point: 118.26.05

IV. REASON FOR FILING

- New Discharge or Facility
- Change in Design or Operation
- Change in Quantity/Type of Discharge
- Changes in Ownership/Operator (see instructions)
- Waste Discharge Requirements Update or NPDES Permit Reissuance
- Other: _____

V. CALIFORNIA ENVIRONMENTAL QUALITY ACT (CEQA)

Name of Lead Agency: CITY OF MALIBU

Has a public agency determined that the proposed project is exempt from CEQA? Yes No

If Yes, state the basis for the exemption and the name of the agency supplying the exemption on the line below.

Basis for Exemption/Agency: CATEGORICAL EXEMPTION - SEC 15301 - CUPST

Has a "Notice of Determination" been filed under CEQA? Yes No

If Yes, enclose a copy of the CEQA document, Environmental Impact Report, or Negative Declaration. If no, identify the expected type of CEQA document and expected date of completion.

Expected CEQA Documents:

- EIR
- Negative Declaration

Expected CEQA Completion Date: _____

ANIMAL HOSPITAL
23431 Pacific Coast Highway
Malibu, CA 90265

Characterization of Discharge:

Existing Discharge

Malibu Animal Hospital utilizes the strictest of Best Management Practices to minimize impacts to the existing Onsite Wastewater Treatment System (OWTS)((See Attachment)). The Animal Hospital Facility is comprised of a total of 45 drainage fixture units (per the Uniform Plumbing Code). The existing OWTS discharge consists of two liquid waste streams: (1) Blackwater similar to a standard domestic wastewater stream emanating from human waste sources including 2 toilets, 2 lavatories, and 8 sinks, and (2) Washdown Water to the OWTS discharge also consists of animal waste from the aforementioned 8 sinks, 8 floor drains contained in covered enclosures and a single wash tub. The Washdown Water contains minimal animal waste, hair, dirt, sand, and small amounts of disinfection agents. The existing OWTS consists of a 2000 Gallon primary solids settling tank (septic tank) and 2-10'X60' drainfields. This system is limited to primary treatment only. The waste stream has an average daily flow of approximately 1,300 Gallons per day, with a recorded peak flow of 1,600 Gallons per day. The primarily treated effluent is gravity disbursed into the 2 sand drainfields. The drainfields function as a horizontal distribution vessel to transport effluent to the soil mantle. The soil functions as a biological, physical, and chemical treatment medium providing pathogen and nutrient removal prior to dispersal into the receiving groundwater environment.

Proposed Discharge:

The characteristics of the wastewater emanating from the existing facilities will remain consistent. The wastewater generated will be pretreated through a series of tanks designed to remove deleterious materials such as hair, grease, and grit. This is accomplished through the use of a 10,000 Gallon sand/grease trap, a 5,000 Gallon Septic tank, and a 10,000 Gallon equalization tank. The filtered effluent will then be pumped to a Membrane BioReactor (MBR) at the existing Malibu Lumber Yard facility. This facility is routinely monitored both in the quality of effluent and for the potential impacts to ground water. Dispersal of this disinfected wastewater is utilized subsurface irrigation. A significant portion of these waters will be evapotranspired by the existing flora in Legacy Park. Nutrient uptake by this flora will also occur. A portion of the wastewater will percolate through the soil strata and receive additional treatment reducing any potential to negatively impact the receiving ground water. Currently, this system is meeting the prescribed limits established in their WDR. The existing wastewater system at the Animal Hospital does not meet these stringent limits.

4/28/2010

To Whom It May Concern:

Malibu Coast Animal has several policies in place to prevent contamination of waste-water with pharmaceutical agents. No pharmaceuticals are ever directly discarded into the waste-water system. Injectable medications are disposed of in medical waste containers, and tablets are discarded in medical waste receptacles or returned to the distributor if expired. We utilize a laundry service to wash towels used to clean up animal waste belonging to animals that are currently receiving medication. Human waste, cleansing agents, shampoo, and occasionally urine from boarding animals not receiving medication are the only materials other than water to enter the waste-water system.

If you have any other questions regarding our policies, please feel free to contact me directly.

Sincerely,

Dr. Dean Graulich
Malibu Coast Animal Hospital
23431 Pacific Coast Hwy
Malibu, CA 90265
310-317-4560



5310 Derry Avenue Suite E
Agoura Hills, California 91301
818.991.9997
818.991.9998 (fax)
www.biosolutions.org

Best Management Practices for Disinfecting Kennel Area Malibu Animal Hospital

1.0 OBJECTIVE

The objective is to maintain a sanitary area for the animals and to ensure all of the wash water is channeled to the septic system for treatment. At no time shall the runoff be channeled to any other area or left to dry without proper disinfection.

2.0 PREPARATION

2.1 Removal of Animals

Remove animals from kennel stalls prior to disinfecting the area. The animals shall be relocated to an area where they will not come into contact with the disinfection solution.

2.2 Equipment Preparation

2.2.1 All equipment and materials shall only be used for disinfecting the stalls and for no other purpose. They shall be stored in a location for employee access only.

2.2.2 Gather all materials necessary for the disinfection process. This shall include, but is not limited to, a stiff bristle brush or broom, water hose, disinfection solution, and proper personal protection equipment (gloves, eye protection, skin protection, etc.).

2.2.3 Follow all guidelines on the Material Safety Data Sheet for the disinfection solution.

3.0 DISINFECTION PROCEEDURE

3.1 Solid Waste Removal

Remove all solid waste from the kennel area and dispose of it properly prior to disinfecting the area.

3.2 Disinfecting Agent – Roccal-D (or equal)

3.2.1 Each stall shall be lightly hosed off with water starting with the most up-gradient stall.

3.2.2 A Roccal-D solution of ½ ounce per 1 gallon of water shall be applied with a stiff bristle broom over the entire floor of the stall. For heavily soiled areas, a

solution of 1-1/2 ounce per 1 gallon of water can be used for disinfecting. After brushing/scrubbing the stall, the remaining solution shall be left to stand for approximately 10 minutes. During this time, the next stall may be scrubbed.

3.2.3 After the solution has stood for the recommended period of time, the stall shall be rinsed of any remaining residue and left to dry.

3.2.4 The animals can be returned to the stall when it is dry.

4.0 FREQUENCY OF DISINFECTION PROCESS

4.1 Animals Housed for an Overnight Period

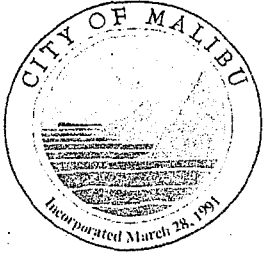
When animals are housed for an overnight period, the floor should be disinfected two times per day (i.e. morning, afternoon/evening) or as frequently as necessary to ensure a sanitary area for the animals.

4.2 Animals Housed Only for a Day

This process should be done at a minimum of once per day for stalls not housing an animal for an overnight period (i.e. morning or afternoon/evening) or as frequently as necessary to ensure a sanitary area for the animals.

References:

California Department of Food & Agriculture, Animal Health Branch, Selection and Use of Surface Disinfectants



City of Malibu

Environmental Sustainability Department

23825 Stuart Ranch Road • Malibu, California • 90265-4861
Phone (310) 456-2489 • Fax (310) 456-7650 • www.malibucity.org

October 31, 2011

Eric Wu
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

RE: Animal Hospital
23431 Pacific Coast Highway

Mr. Wu:

On September 16, 2011 correspondence was sent to the City from your office indicating an "Incomplete application for waste discharge requirements for Malibu Animal Hospital". The original application was deemed incomplete as it lacked specific information enumerated in the correspondence as 4 required items. Please find enclosed the identified items which include:

1. A signed statement from the Animal Hospital operator describing the fate of surgical wastes.
2. Signed statements from Malibu Lumber, the City of Malibu, and the system operator regarding the operation of the Lumber Yard OWTS with the introduction of waste from the Animal Hospital.
3. A list of medicines used at the Animal Hospital.
4. Letter requesting a material change to the Malibu Lumber WDR.

I have also enclosed a copy of the Third Quarter 2011 "Monitoring and Reporting" correspondence from the maintenance provider for the Animal Hospital.

This requested information is provided to continue the processing of the permit application. Your assistance to oversee this application is processed in a timely manner is sincerely appreciate.

Sincerely,

Craig George
Deputy Building Official
Extension 229
cgeorge@malibucity.org

cc: Jim Thorsen, City Manager
John J. O'Brien, Malibu Lumber LLC

RECEIVED
2011 NOV 3 PM 2 45
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION



Malibu Coast Animal Hospital

Eric Wu
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

RECEIVED
2011 NOV 3 PM 2 45
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

RE: Animal Hospital: Fate of fluid Surgical Wastes

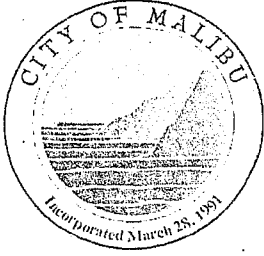
Dear Mr. Wu:

The Malibu Coast Animal Hospital (MCAH) is committed to the maintenance and health of all animals, not only pets. The Hospital and its staff are sensitive to the environmental issues of the surrounding area and strive to minimize any environmental impacts and maintain a standard of care in strict conformance with the American Animal Hospital Association. A majority of all wastes produced by the MCAH are disposed through appropriate collection of these wastes into either biological waste containers or solid waste trash containers.

Surgical wastes are minimal. Solid wastes from surgical procedures are disposed in biological trash containers collected by contract waste haulers. Liquid surgical wastes are collected by absorbent materials which are also disposed of as solid waste placed into biological trash containers. Fluid wastes are never disposed of through the buildings wastewater system. Those fluid wastes that are collected on surgical towels that may be laundered for reuse, are appropriately collected, stored for pick up, and treated and laundered offsite. No surgical wastes, whether solid or liquid, are disposed through the wastewater system. All staff members' area routinely trained to comply with these standards at all times. Every effort is afforded to insure no surgical or pharmaceutical products used in conjunction with the daily operation of the MCAH are disposed into the wastewater stream.

Sincerely,

Dr. Dean Graulich



City of Malibu

23825 Stuart Ranch Road • Malibu, California • 90265-4861
Phone (310) 456-2489 • Fax (310) 456-3356 • www.malibucity.org

October 26, 2011

Eric Wu, Unit Chief of Groundwater Permitting
California Regional Water Quality Control Board
Los Angeles Region
320 W. 4th Street, Suite 200
Los Angeles, CA 90013

RE: 23431 Pacific Coast Highway
Animal Hospital Connection to the Lumber Yard AOWTS

Dear Eric:

The City of Malibu, as the property owner of the above referenced property, has reviewed the potential impacts to the existing Advanced Onsite Wastewater Treatment System (AOWTS) currently serving the Lumber Yard project by the addition of effluent from the Animal Hospital.

It is acknowledged that human and animal wastes, pesticides, limited pharmaceuticals and kennel disinfection wash water will enter the treatment stream. The City is of the understanding the addition of the Animal Hospital effluent will not adversely affect the performance of the existing wastewater treatment system or cause any exceedances of the currently established WDR limits and therefore agrees with the proposed connection.

Sincerely,


Jim Thorsen
City Manager

cc: Craig George, Deputy Building Official

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2011 NOV 3 PM 2 45
CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LOS ANGELES REGION

MALIBU LUMBER LLC
a California limited liability company

Post Office Box 6528
Malibu, CA 90264

PHONE (310) 457-8130
FAX (310) 457-8128

October 28, 2011

Mr. Eric Wu
Unit Chief of Groundwater Permitting
California Regional Water Quality Control Board
Los Angeles Region
320 West 4th Street, Suite 200
Los Angeles, CA 90013

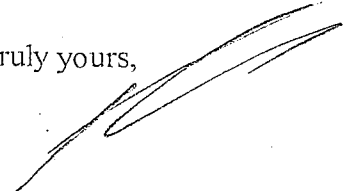
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CALIFORNIA REGIONAL WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

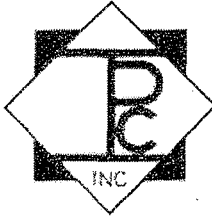
RE: 23431 Pacific Coast Highway
Animal Hospital connection to the Malibu Lumber Yard AOWTS

Dear Mr. Wu,

The Malibu Lumber Yard, as the ground lessee of the property adjacent to the above referenced property, has reviewed the potential impacts to the existing Advanced Onsite Wastewater Treatment System currently serving the Malibu Lumber Yard project by the prospective addition of effluent from the Animal Hospital. It is acknowledged human and animal wastes, pesticides, limited pharmaceuticals, and kennel disinfection wash water will enter the treatment stream. The Malibu Lumber Yard is of the understanding that the addition of the Animal Hospital effluent will not adversely affect the performance of the existing wastewater treatment system or cause any exceedances of the currently established WDR limits and therefore agrees with the proposed connection.

Very truly yours,


Richard E. Weintraub
Manager



INTEGRATED
PERFORMANCE
CONSULTANTS

RECEIVED

2011 NOV 3 PM 2 46

CALIFORNIA WATER
QUALITY CONTROL BOARD
LOS ANGELES REGION

October 30, 2011

Craig George
Environmental & Building Safety Division Manager
City of Malibu

SUBJECT: Proposed Connection of Malibu Animal Hospital to Malibu Lumber AOWTS

My company is responsible for operating the Advanced Onsite Wastewater System (AOWTS) at the Malibu Lumber Yard shopping center, and maintaining compliance with effluent quality limits specified in the Waste Discharge Report (WDR), which is regulated by the Los Angeles Regional Water Quality Control Board.

The City of Malibu has proposed to direct conventional OWTS effluent from the adjacent Malibu Animal Hospital to the Flow Equalization Tank, and is officially pursuing this objective with the RWQCB. I have been requested to evaluate the potential negative impacts of this proposed connection to the Malibu Lumber AOWTS.

To this end, you have provided a list detailing all proposed chemicals (attached). You also subsequently provided an estimate of quantities of use for what I deemed the most potentially problematic items on the list (disinfectants), which I repeat below:

The disinfectants used are:

Rocal-D This product is diluted at a 10:1 ratio and used to disinfect the areas and cages. A significant portion of the product is wiped up by toweling with paper and cloth towels. Cloth towels are sent offsite for cleaning. The Animal Hospital uses approximately 1 gallon of the product per month. I have reviewed the available literature. It appears the product is biodegradable, and is specific to the types of bacteria and related organisms it is effective against.

4% Triclosan The product is utilized to as a hand soap. The rate of use is approximately 1 gallon per month.

After thorough review of all the information provided, I find no cause for concern with any chemicals or quantities indicated on the list you provided, either from the standpoint of WDR compliance or increased operational difficulty. When the proposed chemicals are used as described, and pursuant to the terms of any conditions specified by the landlord regarding tenant responsibilities related to protection of the AOWTS, no negative impact to the AOWTS is expected:

My consent is only for the listed chemicals and quantities. Any change from, or addition to, the listed chemicals or quantities is specifically excluded from my consent. In the event changes or additions become necessary, they should be submitted for review and approval in a similar manner.

Please feel free to contact me if you have any questions on this matter.

Sincerely,



Ric Vardel, IPC Inc.
Chief Plant Operator, License V-4467

Integrated Performance Consultants, Inc.
Contract Operator, License CO-0083

09-20-11

Medication Inventory for Malibu Coast Animal Hospital

All of the following drugs are dispensed to clients, administered to inpatients, or returned to the manufacturer if expired. No medication is disposed of down the drain.

Ace Promazine 10mg
Ace Promazine 25mg
Adequan Canine per 5m
Albon 125mg
Albon 250mg
Albon 500mg
Albon Suspension 1oz.
Amikacin/ Synotic drops
Aminocaproic Acid/Val
Aminophylline 100mg
Amitriptyline
Amlodipine (Norvasc)
Amoxicillan 500mg
Amoxicillan 50mg
Anipryl 10mg #30
Antirobe / Clindamycin
Ascriptin Tablets
Atarax/ Hydroxyzine
Atenolol 25mg
Atropine Sulfate Ophthalmic
Azithromycin 250mg
Azodyl (60 ct)
Baytril 136mg
Baytril Liquid
Baytril Otic 15ml
Baytril/ Synotic drop
Baytril/Conofite/Dex
Baytril/Synotic/Conof
Benazepril 10 mg
Betadine Solution 4oz
BNP Ophthalmic Drops
BNP Ophthalmic Ointment
BNP w/ Dexamethasone
BNP-H Ophthalmic Ointm
Buprinex 0.3mg/ml Ora
Buprinex/Val Syrup
Buspar
Carafate/Sucralfate

Carrasyn Wound Gel 30
Carravet Wound Gel
Centrine Tablets
Cerenia 160mg
Cestex 100mg
Chloramphenicol 500mg
Chlorhexiderm/ Nolvasan
Chlorphenaramine 4mg
Ciprofloxacin 250mg
Ciprofloxacin Otic
Cisapride 10mg
Clavamox 125mg
Clavamox 200/28.5mg
Clavamox 250mg
Clavamox 400/57mg
Clavamox 500/125mg
Clavamox 62.5mg
Clavamox 875/125mg
Clavamox Drops
Clemastine 1.34mg
Clomicalm 20mg (blue)
Clomicalm 40mg (purpl
Clomicalm 5mg (yellow
Clomicalm 80mg (green
Clomipramine 25mg
Clomipramine 50mg
Clomipramine 75mg
Comfortis 10-20# (ora
Comfortis 20-40# (gre
Comfortis 40-60# (blu
Comfortis 5-10# (pink
Comfortis 60-120# (br
Comfortis
Conofite
Cough Tablets
Cyclosporin Drops 20c
Cyclosporin Ophthalmi
Cyclosporine 100mg ca
Cyclosporine 25mg cap
Cyclosporine 50mg cap
Cyproheptadine 4mg
Cytosan 25mg
DenaMarin (Cats/Sm. D
DenaMarin (Lg Dogs) 4
DenaMarin (Med. Dogs)
Denamarin chewable ta

Denosyl 425mg
Deramaxx 100mg
Deramaxx 25mg
Deramaxx 75mg
DES 1mg (Diethylstilbesterol)
Dexamethasone 0.1 Ophthalmic
Dexamethasone 0.25mg
Dexamethasone 0.75mg
Digoxin 0.125 mg
Digoxin 0.25mg
Digoxin Drops oz.
Diphenhydramine/ Benadryl
DOCP/ Percorten V inj
DOUXO Chlorhexidine Shampoo
Doxycycline 100mg
Droncit Tabs - Canine
Droncit Tabs - Feline
Drontal for Cats (per
Drontal Plus 136mg la
Drontal Plus 22.7mg
Drontal Plus 68mg
Enacard 5mg #30 Ct. B
Enalapril
Endosorb Ani-Diarrhea
Epakitin 150gm
Epogen Vial 1cc
Etodolac 400mg
EtoGesic 150mg
EtoGesic 300mg
Felimazole (Methimazole)
Flagyl Liquid 50mg/ml
Flagyl/ Metronidazole
Gabapentin 100mg
Gabapentin 300mg
Genesis Topical Spray
Gentamycin ophthalmic
GenTeal Gel Ophthalmic
GenTeal Ophthalmic Ge
Gentocin Spray 120ml
Gentocin Spray 60ml
Goodwinol Ointment 1o
Humulin Insulin 10ml
Insulin Prozinc 10mL
Interceptor
Isuprel / Collapset S
Ivermectin per 1/2oz.

KBro Oral Solution 10
KBro Potassium Bromide
Keflex 250mg
Keflex 250mg
Keflex 500mg
Kerasolv Gel
Ketoconazole 200mg
Lactulose Syrup 32oz
Lactulose Syrup per 4
Lasix 12.5mg
Lasix 20mg
Lasix 40mg
Lasix 50mg
Lasix Oral Solution 1
Legend 4ml (box of 6)
Leukeran 2mg (per tab
Lincocin Aquadrops 20
Liter Fluids- Lactate
Liter Fluids- Saline
Lomustine 10mg per ta
Lysodren 500mg
MalAcetic Wipes - 25c
Marin for Large Dogs
Marin for Small-Med D
Meclizine 12.5mg
meclizine 25mg
Meloxicam 15mg
Meloxicam 7.5mg
Melphalan 2mg
Metacam .5mg/mL 15mL
Metacam 100ml
Metacam 10ml
Metacam 180ml
Metacam 32ml
Methazolamide 25mg
Methazolamide 50mg
Miconazole Spray 120m
Mirtazapine 15mg
Misoprostal/ Cytotec
Mitaban Concentrate p
Mometamax 15ml
Muricin Ointment 2%
Neo-Predef topical po
Neomycin Suspension p
Nitrol Ointment
NuJoint Plus

NuVet Plus Wafers
Ofloxacin Ophthalmic
Ondansetron (Zofran)
Optimmune Ophthalmic
Orbax/Orbifloxacin Su
Otomax 15ml
Otomax 215ml
Panacur 100 mg/ml per
Panacur Granules 1 lb
Panacur Granules 1gr
Panacur Granules 2gr
Panacur Granules 4gr
Panalog 15ml
Panalog 240ml
Panalog Cream 15ml
PancreaPowder Plus 12
PancrePlus or PanaKar
PancrePlus or PanaKar
Pepcid/ Famotidine 20
Phenoxybenzamine/ Dib
Piroxicam 10mg
Piroxicam 20mg
Posatex Otic Suspensi
Potassium Bromide 8oz
PPA 25mg
PPA 75mg Time-Release
PPA Chewable 25mg
PPA Chewable 50mg
PPA Chewable 75mg
Prednisolone Acetate
Prednisolone Oral 15m
Prednisolone Oral 1mg
Prednisolone SodiumPh
Prednisone 20mg
Prednisone 5mg
Previcox 227mg
Previcox 57mg
Primor 1200mg
Primor 120mg
Primor 240mg
Primor 600mg
ProAir HFA Albuterol
Profender - Feline
Promeris
Promeris For Cats <9
Promeris For Cats >9

Promeris For Dogs 11-
Promeris For Dogs 22-
Promeris For Dogs 55-
Promeris For Dogs 88-
Promeris For Dogs <11
Pyoben Gel
Pyratabs
Reconcile Chew Tabs 3
Reconcile Chew Tabs 6
Reconcile Chew Tabs 8
Reglan 10mg
Reglan 5mg
Reglan Oral Solution
Revolution <5#
Revolution canine 10-
Revolution canine 20-
Revolution canine 40-
Revolution canine 5-1
Revolution canine >85
Revolution canine >85
Revolution feline 5-1
Rimadyl 100mg Chewabl
Rimadyl 100mg
Rimadyl 25mg Chewable
Rimadyl 25mg
Rimadyl 75mg Chewable
Rimadyl 75mg
Robaxin 500mg
Sentinel 11-25# (gree
Sentinel 26-50# (yell
Sentinel 51-100# (white
Sentinel <10# (brown)
Silver Sulfadiazine C
Simplicef 100mg per t
Simplicef 200mg per t
Slentrol 20ml
Slentrol 50ml
Sodium Chloride Ophthalmic
Soloxine 0.1mg
Soloxine 0.8mg
Spironolactone 25mg
Sporanox 100mg
Strongid Liquid
Strongid/ Nemex Large
Strongid/ Nemex Small
Sulfamethoxazole / Trimethoprim

Sulfasalazine 500mg
Surolan Otic 15ml
Tacrolimus 0.02% Opht
Tacrolimus 0.03% Opht
Tagamet/ Cimetidine 2
Tagamet/ Cimetidine L
Tapazole Liquid 5mg/m
Tapazole Liquid 5mg/m
Tapazole Liquid 5mg/m
Temaril-P
Terramycin Ophthalmic
Tetracycline 250mg
Theophylline 100mg Ex
Thyroxine 0.1mg #180
Thyroxine 0.2mg #180
Thyroxine 0.3mg #180
Thyroxine 0.4mg #180
Thyroxine 0.5mg #180
Thyroxine 0.6mg #180
Thyroxine 0.7mg #180
Thyroxine 0.8mg #180
Tobramycin Drops
Torbugesic/ Hi Vite D
Tresaderm 15ml
Tri-Heart Plus 26-50
Tri-Heart Plus <26 lb
Tri-Heart Plus >50 lb
Trifluridine Ophthalm
Tritop 10g
Tumil K Tabs (Mineral
Tumil-K Gel 5oz.
Tylan Powder 100g (6
Tylan Powder per oz.
Uro-eze 200 mg
Uro-eze 400mg
Urocit-K 1080mg
Urocit-K 540mg
Ursodial / Actigall 3mg
Vetalog/ Triamtabs 1.
Vetmedin 1.25mg
Vetmedin 5mg
Vetoryl 10mg
Vetoryl 30mg
Vetoryl 60mg
Vetsulin Insulin 10cc
Vetsulin Insulin 2.5c

Vibramycin [Doxycycli
Viokase V Powder 12oz
Viokase V Powder 4oz
Viokase V Powder 8oz
Vitamin K 25mg Capsule
Vitamin K 50mg Capsule
Zeniquin - Marbofloxacin
Zithromax Suspension
Zymox w/ Hydrocortizone

The following items do end up in the drain because they are used for cleaning:

Disinfectants

Rocal-D

Fabuloso

Chlorhexidene for surgical preparation

Triclosan (Hand soap)

Detergents for laundry

Dynamo

Bleach