

TABLED AT HEARING

Application: Road Metals

Joint hearing

Date: 4th April 2018

tabled

Submission for Nick and Maria Clarkson
100 Old West Coast Road
Christchurch

4th April 2018

Opposing:

Road Metals Company Limited

Record Numbers:

CRC182174 and RMA/2017/2111

Nick and I moved into our property December 2014 – coming from Doyleston with our teenage daughters.

We took a punt and mortgaged ourselves heavily to be in our dream house/location, which was so much closer to our business and town yet far enough away to be a lovely haven.

However, we believed at the time that being in the location we are that our house would certainly at the very least hold its value, and steadily increase even.

To find out that we are to in such close proximity already to quarrying activity let alone plans for that quarry to extend their operations has come as a real blow.

- Health Reasons – we are now terrified of the statistics and reading on Silica Dust and its side effects and the capacity to shorten one's life expectancy. We moved to the country for its health benefits, both physically and mentally. Owning a business is stressful, so to unwind on our little piece of paradise was what drew us to the property in the first place. Sadly our research and the sellers (for obvious reasons) never brought up quarry issues so we were ignorant in our purchase and the history of the area.
- We are blown away that recently Road Metals gained consent to extend onto Rural land on the Main West Coast Road in close proximity to existing houses including ours, and still want more to become even closer. We were not notified on that consent.
- Victoria EPA separation distances (2013) clearly states 500 metres separation when Crystalline Silica is involved.
- CDHB says 500 metres separation distance to property boundary to protect health so that should be that! It should be declined on this fact and not even be considered further.
- We currently are less than 500 metres separation from the Road Metals extension they are currently excavating.

Our Dog - Since we moved into the house in December of 2014 our dogs health has deteriorated. At first we thought it was allergy's, or a grass seed stuck in his throat.

However, after many different vets, x-rays, tests and dollars we have found a vet who has diagnosed him and is now ultimately treating him with steroids (a permanent treatment until he can no longer tolerate steroids)

His condition is almost definitely put down to airborne irritants, which we also now believe are to be attributed to Quarry activity i.e. Silica.

It is very hard to live with a dog that coughs constantly, is miserable, hunched

over and hides in the corner every time he has to cough,
 We are now actually counting ourselves very lucky that we lead such crazy busy lives that we are for the working week at our business on average 11 hours a day, because that is taking us away from our property. Therefore we are not during the week days inhaling the stuff that is destroying everyone elses health around us!

- Pasture/Stock – we currently graze horses at our property, what damage are they suffering through airborne irritants and grass growth?
 Is the pasture and plant life also suffering due to dust levels??
- House Value/Resale – obviously this is an issue.
 Who wants to move into an area where they could potentially get chronically ill or prematurely die, be covered in dust all the time, listen to aggregate being dumped into trucks and loaders/equipment moving around?
- The green pasture is giving way to grey pits of nothing, that is so highlighted when you see it from the air coming or leaving from the airport.
- What was once a beautiful desirable place to live for residents before Quarry expansions has become an eyesore that is fast declining in value.
 Hard to fathom when most other house prices have has a rule increased over the board.

Attached is letter from out Vet regarding our dog Barney and his health condition.

If this gains consent it would be morally wrong because the advice of the CDHB will have been ignored.

Terryne Loney

Pet Doctors Harewood

5th February 2018

To whom it may concern

I am the Veterinarian at Pet Doctors Harewood and I have been involved in diagnosing and managing Barney a 7 year old Bearded collie belonging to Maria Clarkson. I first saw Barney in March 2017 presenting with a chronic history of respiratory issues that hadn't resolved with various treatments. We tried some supportive care then managed to diagnose Barney with allergic (irritant) bronchitis with and area of lung consolidation likely due to a secondary pneumonia in his right lung lobe.

I am highly suspicious that this condition is caused by the quarry dust as when Barney has been removed from the area he has significantly improved.

I have attached a laboratory report supporting my findings and along with our current management of immune-suppressive doses of steroids he is significantly improved however his condition is now unlikely to be able to be completely resolved.

Any increase in aerosol particulate matter will without doubt exacerbate his condition.

Sincerely

Dr Terryne Loney

Report: Lab Results
Current To: 5 FEB 18

Animal: Barney

Breed: Bearded Collie

Client: Clarkson

Clinical Record: 156033A

Clinical Date: 13 SEP 17 08:26

Vet: TL

Date	Animal Name	Test Type	Units	Result	Normal Range	H/L	Quick View			Lab
3 SEP 17 09:02	Barney	WBC	10 ⁹ /l	32.49	(6.00 - 17.00)	+	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	RBC	10 ¹² /l	7.08	(5.50 - 8.50)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	HGB	g/dl	16.8	(12.0 - 18.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	HCT	%	47.66	(37.00 - 55.00)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MCV	fl	67	(60 - 77)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MCH	pg	23.8	(19.5 - 24.5)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MCHC	g/dl	35.3	(31.0 - 39.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	PLT	10 ⁹ /l	298	(200 - 500)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	PCT	%	0.33			<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MPV	fl	11.0	(3.9 - 11.1)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	PDWs	fl	16.2			<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	PDWc	%	39.1			<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	RDWs	fl	40.6			<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	RDWc	%	15.3	(14.0 - 20.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	LYM	10 ⁹ /l	3.92	(1.00 - 4.80)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MON	10 ⁹ /l	1.80	(0.20 - 1.50)	H	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	NEU	10 ⁹ /l	24.87	(3.00 - 12.00)	+	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	LY%	%	12.1	(0.0 - 100.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	MO%	%	5.5	(0.0 - 100.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	NE%	%	76.5	(0.0 - 100.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	EOS	10 ⁹ /l	1.41	(0.00 - 0.80)	H	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	EO%	%	4.3	(0.0 - 100.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	BAS	10 ⁹ /l	0.49	(0.00 - 0.40)	H	<input type="text"/>	<input type="text"/>	<input type="text"/>	0
3 SEP 17 09:02	Barney	BA%	%	1.5	(0.0 - 100.0)		<input type="text"/>	<input type="text"/>	<input type="text"/>	0
4 SEP 17 08:34	Barney	ALB	g/L	35	25-44		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:34	Barney	ALP	U/L	52	20-150		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:34	Barney	ALT	U/L	31	10-118		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:35	Barney	AMY	U/L	446	200-1200		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:35	Barney	TBIL	umol/L	4	2-10		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:35	Barney	BUN	mmol/L	3	2.5-8.9		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:35	Barney	CA	mmol/L	2.59	2.15-2.95		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:36	Barney	PHOS	mmol/L	1.13	0.94-2.13		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:36	Barney	CRE	umol/L	68	27-124		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:36	Barney	GLU	mmol/L	5.7	3.3-6.1		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:36	Barney	NA+	mmol/L	142	138-160		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:37	Barney	K+	mmol/L	4.4	3.7-5.8		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:37	Barney	TP	g/L	67	54-82		<input type="text"/>	<input type="text"/>	<input type="text"/>	
4 SEP 17 08:37	Barney	GLOB	g/L	32	23-52		<input type="text"/>	<input type="text"/>	<input type="text"/>	

Comments

Animal: Barney

Breed: Bearded Collie

Client: Clarkson

Clinical Record: 156035A

Clinical Date: 13 SEP 17 08:35

Vet: TL

Date	Animal Name	Test Type	Units	Result	Normal Range	H/L	Quick View			Lab
4 SEP 17 12:01	BARNEY	CCOL	-	White			<input type="text"/>	<input type="text"/>	<input type="text"/>	CH1
4 SEP 17 12:01	BARNEY	CTURB	-	flocculant			<input type="text"/>	<input type="text"/>	<input type="text"/>	CH1
4 SEP 17 12:01	BARNEY	CVIS	-	Not Appl...			<input type="text"/>	<input type="text"/>	<input type="text"/>	CH1
4 SEP 17 12:01	BARNEY	CFIC	-	Not Appl...			<input type="text"/>	<input type="text"/>	<input type="text"/>	CH1

Report: Lab Results
Current To: 5 FEB 18

SEP 17 12:01	BARNEY	CNCC	X 10^9/L	Not Appl...	CH1
SEP 17 12:01	BARNEY	CRBC	X 10^9/L	Not Appl...	CH1
SEP 17 12:01	BARNEY	CPROT	G/L	Not Appl... (0 - 25)	CH1
SEP 17 15:48					CH1

Comments
BARNEY - RED Bronchial Washing
GRAM STAIN:
No organisms seen.
Light mixed growth - no significant isolates

BARNEY - SWAB Swab
No fungi isolated
Fungal culture added as requested
Interim reports were sent 14/9/17, 18/9/17 and 21/9/17
S = Sensitive, R = Resistant, Int = Intermediate.
Opinions and interpretations of test results expressed in this report are outside the scope of the laboratory's terms of accreditation.
MICRO AND CULTURE performed and reported by Gribbles Veterinary, Halkett St, Christchurch
Reference Ranges and Method Reference will be supplied on request
Testing Requested
x Aerobic Culture and Sensitivity
x Aerobic Culture and Sensitivity
x Fungal Culture (non-ringworm)

BARNEY - RED Bronchial Washing
GRAM STAIN:
No organisms seen.
Light mixed growth - no significant isolates

BARNEY - SWAB Swab
No fungi isolated after 48 hours
Further results to follow.
Fungal culture added as requested
Interim report 14/9/17, 18/9/17 and 21/9/17
S = Sensitive, R = Resistant, Int = Intermediate.
Opinions and interpretations of test results expressed in this report are outside the scope of the laboratory's terms of accreditation.
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MICRO AND CULTURE performed and reported by Gribbles Veterinary, Halkett St, Christchurch
Reference Ranges and Method Reference will be supplied on request
Testing Requested
x Aerobic Culture and Sensitivity
x Aerobic Culture and Sensitivity

BARNEY - RED Bronchial Washing
GRAM STAIN:
No organisms seen.
No growth after 24 hours

Report: Lab Results
 Current To: 5 FEB 18

Further results to follow.
 Interim report 14/9/17

= Sensitive, R = Resistant, Int = Intermediate.

Opinions and interpretations of test results expressed in this report are outside the scope of the laboratory's terms of accreditation.

MICRO AND CULTURE performed and reported by Gribbles Veterinary, Halkett St, Christchurch

Reference Ranges and Method Reference will be supplied on request

Testing Requested

x Aerobic Culture and Sensitivity

x Aerobic Culture and Sensitivity

Case: CH17-20815

Date: 13 Sept 17

Practice: Pet Doctors Harewood

Ref: Dr. Terryne Loney

Patient: "Barney" Clarkson

Signalment: Canine, Bearded Collie, M, 8y

History: Previously (June 2015) actinomyces and pasteurella in a sample taken from a lung FNA and/or bronchial wash

RONCHOALVEOLAR LAVAGE

Samples submitted: 2 x smears and fluid

Samples examined: 7 x smears

Cellularity: Low to moderate cellularity with minimal blood contamination. Good cellular preservation.

Description: Fluid contains mildly to moderately increased numbers of inflammatory cells, admixed with small numbers of flattened columnar epithelial cells and moderate amounts of mucus. A 200 cell differential count of nucleated cells reveals:

Eutrophils = 16%

Lymphocytes = 3%

Macrophages = 14%

Eosinophils = 67%

Eutrophils are mostly non-degenerate. Macrophages contain abundant foamy cytoplasm and often contain phagocytosed eosinophil granules. No bacteria, fungi or other infectious agents are detected.

Interpretation: Eosinophilic inflammation

Comments: Hi Terryne - Barney's BAL fluid shows significant eosinophilic inflammation. No bacteria, fungi or other potential causative agents are detected. Common causes of eosinophilic inflammation in the lungs include allergic bronchitis or other hypersensitivity reactions, eosinophilic granulomas, aspergillosis, paraneoplastic syndromes, and rarely, bacterial pneumonia. Allergic causes are perhaps most common, but if Barney's history does not support this, consider adding fungal culture?

Michelle Lepherd BVSc (Hons) MANZCVS PhD DACVP (Anatomic and Clinical)

Cytology performed and reported by Gribbles Veterinary, Halkett St, Christchurch

Reference Ranges and Method Reference will be supplied on request

Testing Requested

x Cytology Fluid CH - Joint/Thoracic/Abdominal/Tracheal

x Cytology Fluid CH - Joint/Thoracic/Abdominal/Tracheal