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Email

From: Tristan Hope
To: Tom Reading ; Lichelle Guyan
Subject: FW: Chemical Spill

Sent: 8/02/2019 11:47:35 a.m.



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spill.pdf (66Kb) image001.jpg (0Kb)

Message Comment

Hi Lichelle and Tom,
Here is an update and test results from Citilab regarding the leak at 4 Isis Street.
Good to know what we may be dealing with if a similar situation occurs.
Thanks
Tristan Hope
Enforcement Officer
Waitaki District Council
20 Thames Street
Private Bag 50058
Oamaru
Waitaki District
Otago 9444
New Zealand



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From: Citilab [mailto:info@citilab.co.nz]
Sent: Friday, 8 February 2019 11:30 AM
To: Tristan Hope <thope@waitaki.govt.nz>
Subject: Chemical Spill

Hi Tristan
Sorry this has taken a bit longer to get to you than i would have liked.
As you can see there were respectable amounts of iron and zinc in the water, and that, coupled with the presence of a small amount of copper, is likely to be the cause of the colour noted at the time of the spill.
There is no reason to suspect any other contaminant of significance.
Hope this is helpful to you.



Wastech Services Ltd
 (139 Main South Road)
 PO Box 13204
 Green Island, DUNEDIN

ATTENTION: Stan Fleming

LABORATORY ANALYSIS REPORT

#74050

Tuesday, 5 February 2019

Job Start: 15/01/19 11:55:31

LAB REF	Sample Taken	Sample Description		Comments			
		Test start:	Test complete:	ANALYSIS	RESULT	Analytical Method	Detection Limits
34312	14/01/19	Water		Green chemical seen in/near water			
		18/01/19 11:45:51	21/01/19 13:51:09	Conductivity @ 25°C	65 mS/m	APHA 2510, B	0.03 mS/m
		18/01/19 11:45:51	19/01/19 19:29:01	pH	7.97 @ 20°C	APHA 4500 - H+, B	0.02 pH unit
		17/01/19 13:02:45	24/01/19 14:38:17	Copper-Total *	0.0329 g/m ³	APHA 3125, B	0.0002 g/m ³
		17/01/19 13:02:43	24/01/19 14:38:26	Iron-Total *	3.7 g/m ³	APHA 3125, B	0.005 g/m ³
		17/01/19 13:02:46	24/01/19 14:38:22	Zinc-Total *	1.013 g/m ³	APHA 3125, B	0.003 g/m ³

Analyst's Comments:

These samples were collected by yourselves and analysed as received at the laboratory.

The detection limits given are those attainable in a relatively clean matrix.

Detection limits may be higher for individual samples should insufficient sample be available, or if the matrix requires that dilutions be performed during analysis.

Units: In accordance with modern practice the previous 'mg/L' is now expressed as the equivalent 'g/m³'.



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Debra Fairley-Aldridge
 Quality Manager