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Mr. Thomas Anybody
Southbay Ferries
22 The Esplanade
Weymouth
Dorset
BH31 1FF

18 August 2011

Re: Microbiological Fuel Analysis

Dear Mr. Anybody,

We are pleased to enclose our results for your diesel samples at site 'M/V Tender'. Your fuel has achieved an overall quality score of 30%.

For steps required to prevent further contamination I would suggest visiting our website www.fuelcare.com or call Fuelcare on 01283 712263.

If you prefer, I would be more than happy to visit and advise on action to prevent or cure Microbiological contamination. If you have any queries in the meantime, please contact me on the details above.

Yours sincerely,

Managing Director
Fuelcare Ltd

FUELCARE FLUID ANALYSIS REPORT

REPORT SUMMARY

Test: Microbiological

Fuel: Diesel

Number of Samples: 2

Action Required? Yes

Fuel Quality Approved? No

Overall Fuel Quality Score: 30%

Summary of Findings: Sample 'Tank 1' was received poor clarity and showed significant signs of contamination. The laboratory tests showed a fungal contamination of 3,765 CFU/ml and Bacterial contamination of 765 CFU/ml – extreme contamination. Fuel quality in this sample was particularly poor and action is required immediately to prevent problems with fuel system components.

SAMPLE SUMMARY

Client: Southbay Ferries

Site: M/V Tender

Report Date: 18/08/11

Report Number: SBF/M/V Tender/40716

Sample Date: 22/06/11

Sampling Position: Sample Cock

Sampling Method: Drip

Sample Receive Date: 18/07/11

Fuelcare Reference: 12477

Lab Reference: 541

SAMPLE DETAIL

Sample Name: Tank 1	Sample Size: 50ml
Report Number: SBF/M/V Tender/40716/Tank 1	Lab Sample: 541
Visual Summary: Around 30ml of cloudy red fuel on top of 50ml of orange water.	

ANALYTICAL RESULTS

Factor	Result	Comparison
Haze Factor:	5	(1 = Clear, 6 = Cloudy)
Total Viable Count (CFU/ml):	2784	(>100 = High)
Bacteria Count (CFU/ml):	710	(>100 = High)
Yeasts & Moulds Count (CFU/ml):	2785*	(>100 = High)
Sulphate Reducing Bacteria?	Present	(Present = Critical)
Water (%):	0.04	(>0.1% = High)
Fuel Quality Approved?	No	
Verification Test Required?	No	
Action Required?	Yes	
Fuel Quality Score:	25%	

Full test procedure details may be provided on request. CFU = Colony Forming Units.

* includes Hormoconis Resinae (the most common cause of tank corrosion)

HISTORICAL RESULTS

