



Queensland Health

**QUEENSLAND HEALTH SCIENTIFIC SERVICES**

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**Our Ref:** BG:lw: .....

**WATER ANALYSIS REPORT**

**To:** Barry Mann  
 Nautical Waste Solutions  
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**Results of Analysis of Treated Sewage from Grade A "AQUA-MARE" Onboard Sewage Treatment System**

Your Reference and Date Received	Our Ref	B.O.D. 5days @ 20°C	Total Suspended Solids	Thermotolerant (Faecal) Coliforms - Within 4 hours of sampling	Thermotolerant (Faecal) Coliforms - Within 24 hours of sampling
		mg/L	mg/L	CFU/100mL	CFU/100mL
Method Reference:		QIS 16625	QIS 16624	SHW 3	SHW 3
LYDIA 050401 - 8:30	EN 8301	54	44	8 EST	Not Detected
LYDIA 050401 - 8:50	EN 8302	51	47	14 EST	3 EST
LYDIA 050401 BLANK	EN 8303	< 2	5	16 EST	3 EST
LYDIA 050413 - 08:30	EN 8865	46	65	69	23
LYDIA 050413 - 09:10	EN 8866	49	60	340	190
LYDIA 050413 - BLANK	EN 8867	< 2	10	27	18
LYDIA 050420 - 08:20	EN 8972	6	20	23	10 EST
LYDIA 050420 - Filtered 50µ	EN 8973	6	10		
LYDIA 050420 - 08:45	EN 8974	4	20	55	31
LYDIA 050420 - Filtered 1µ	EN 8975	24	5		
LYDIA 050420 - BLANK	EN 8976	< 2	5	22	11 EST
LYDIA 050421 - 09:15	EN 9011	6	30	Not Detected	Not Detected
LYDIA 050421 - 09:40	EN 9012	4	25	Not Detected	Not Detected
LYDIA 050421 - 10:00	EN 9013	< 2	5	14 EST	8 EST
LYDIA 050422 - 8:20	EN 9043	4	20	Not Detected	Not Detected
LYDIA 050422 - 8:45	EN 9044	6	20	Not Detected	Not Detected
LYDIA 050422 - 9:00	EN 9045	< 2	< 5	11 EST	3 EST
<b>Geometric Mean</b>		<b>12.4</b>	<b>31.5</b>	<b>3.6</b>	<b>1.4</b>
<b>Geometric Means for Grade A treated sewage must not exceed these levels</b>		<b>50 mg/L</b>	<b>50 mg/L</b>	<b>250 CFU/100mL</b>	<b>250 CFU/100mL</b>

EST = Estimated Count  
 CFU = Colony Forming Units

**Bruce Gray**  
 NATA Signatory  
 Public Health Microbiology

**Dan Wruck**  
 NATA Signatory  
 Environmental Testing

**Date:** 7/6/05

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