



**TEST REPORT**

Test Report No : T0024562  
Folder No : 1006904  
Page No : 1 of 4  
Date of Issue : 13/10/2010

Client : EcoloBlue Inc. / Mars Technologies (Asia) Ltd  
Address : 3109 Grand Avenue #423, Miami, FL 33133, USA /  
9C, V-Ga Bldg, 532 Castle Peak Road, HK.

Sample Description : One water sample from US EcoloBLUE Atmospheric Water Generator (EB Series) was collected by HKPC staff.

Sample Received Date : 29/09/2010

Test Completed Date : 13/10/2010

Approved Signatory : Poon Ka Wo

Remarks : Contact Person: Mr Joe Wong. Receipt No.: K1112973. Sample was received at 17:17 and stored at 4°C. For microbiological tests, the tests were carried out at 17:20 and < 1 = Not Detected.

**Analytical Results:**

Sample Name Location: Room C,  
9/F

Sample ID WT-1009-1123

Parameter	Unit	Test Results	Analysis Date	Method Code
Total Coliform	(cfu/100ml)	<1	29/9/2010	MTM-COLI-1
E.Coli	(cfu/100ml)	<1	29/9/2010	MTM-ECOLI-1
Total Cadmium	(ug/L)	<0.2	30/9/2010	WTM-ICPMS-1
Total Chromium	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Copper	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Lead	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Manganese	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Mercury	(ug/L)	<0.5	30/9/2010	WTM-ICPMS-1
Total Molybdenum	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Nickel	(ug/L)	<1	30/9/2010	WTM-ICPMS-1
Total Selenium	(ug/L)	<5	30/9/2010	WTM-ICPMS-1
Total Iron	(ug/L)	<50	30/9/2010	WTM-ICPMS-1
Sodium	(ug/L)	2300	30/9/2010	WTM-ICPMS-1
Total Zinc	(ug/L)	<10	30/9/2010	WTM-ICPMS-1
Total Aluminum	(ug/L)	<2	30/9/2010	WTM-METAL-4

**Approval Signatory:**

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(2) Testing Conditions and Testing Methods are shown at the back of this report.  
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**Analytical Results:**

Sample Name Location: Room C,  
9/F

Sample ID WT-1009-1123

Parameter	Unit	Test Results	Analysis Date	Method Code
pH		7.5 (at 23°C)	29/9/2010	WTM-PH-1
Sulphate	(mg/L)	<0.1	4/10/2010	WTM-IC-1
Nitrite-N	(mg/L)	0.03	29/9/2010	WTM-NO2-1
Nitrate-N	(mg/L)	<0.02	4/10/2010	WTM-IC-1
1,2-Dichlorobenzene	(ug/L)	<1	11/10/2010	WTM-VOC-1
1,4-Dichlorobenzene	(ug/L)	<1	11/10/2010	WTM-VOC-1
1,2-Dichloroethane	(ug/L)	<1	11/10/2010	WTM-VOC-1
Benzene	(ug/L)	<1	11/10/2010	WTM-VOC-1
Bromodichloromethane	(ug/L)	<1	11/10/2010	WTM-VOC-1
Bromoform	(ug/L)	<1	11/10/2010	WTM-VOC-1
Carbon tetrachloride	(ug/L)	<1	11/10/2010	WTM-VOC-1
Chloroform	(ug/L)	<1	11/10/2010	WTM-VOC-1
cis-1,2-Dichloroethene	(ug/L)	<1	11/10/2010	WTM-VOC-1
Dibromochloromethane	(ug/L)	<1	11/10/2010	WTM-VOC-1
m,p-Xylene	(ug/L)	<2	11/10/2010	WTM-VOC-1

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: HKPC staff.

Sample Received Date : 29/09/2010 Test Completed Date : 13/10/2010

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Remarks : Contact Person: Mr Joe Wong. Receipt No.: K1112973. Sample was received at 17:17 and stored at 4°C.  
For microbiological tests, the tests were carried out at 17:20 and < 1 = Not Detected.

**Analytical Results:**

Parameter	Sample Name	Location: Room C, 9/F	Sample ID	WT-1009-1123	Test Results	Analysis Date	Method Code
Methylene chloride					<5	11/10/2010	WTM-VOC-1
o-Xylene					<1	11/10/2010	WTM-VOC-1
Styrene					<1	11/10/2010	WTM-VOC-1
Toluene					<1	11/10/2010	WTM-VOC-1
trans-1,2-Dichloroethene					<1	11/10/2010	WTM-VOC-1
Trichloroethene					<1	11/10/2010	WTM-VOC-1

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Client : EcoloBlue Inc. / Mars Technologies (Asia) Ltd  
 Test Report No. : T0024562  
 Sample Received Date : 29/09/2010  
 Sampling Location : One drinking water sample from US EcoloBLUE Atmospheric Water Generator (EB Series) was collected by HKPC staff.

**Summarized Results:**

**(A) Potable Water**

Parameter	Results (mg/L)	WHO Guidelines (mg/L)
	Location: Room C, 9/F	
Total Coliform	Not Detected	Not Detectable
E. coli	Not Detected	Not Detectable
Cadmium	< 0.0002	0.003
Chromium	< 0.001	0.05
Copper	< 0.001	2
Lead	< 0.001	0.01
Manganese	< 0.001	0.4
Mercury	< 0.0005	0.006
Molybdenum	< 0.001	0.07
Nickel	< 0.001	0.07
Selenium	< 0.005	0.01
Iron*	< 0.05	0.3
Sodium*	2.3	200
Zinc*	< 0.01	3
Aluminum*	< 0.002	0.2
pH*	7.5 (at 23°C)	6.5 – 8
Sulphate*	< 0.1	250
Nitrate-N	< 0.02	11
Nitrite-N	0.03	3
1,2-Dichlorobenzene	< 0.001	1
1,4-Dichlorobenzene	< 0.001	0.3
1,2-Dichloroethane	< 0.001	0.03
Benzene	< 0.001	0.01
Bromodichloromethane	< 0.001	0.06
Bromoform	< 0.001	0.1
Carbon tetrachloride	< 0.001	0.004
Chloroform	< 0.001	0.3
1,2-Dichloroethene	< 0.002	0.05
Dibromochloromethane	< 0.001	0.1
Xylenes	< 0.003	0.5
Methylene chloride (Dichloromethane)	< 0.005	0.02
Styrene	< 0.001	0.02
Toluene	< 0.001	0.7
Trichloroethene	< 0.001	0.02



Remarks :

1. The test results comply with the acceptable limits suggested by World Health Organization (WHO) guidelines for drinking water, "Guidelines for Drinking-water Quality, First Addendum to Third Edition, Volume 1, 2006.
2. For microbiological result, "Not Detected" means that no target colony was observed in the membrane filter after filtration of 100mL sample. The lowest reporting limits for E.coli and total coliform are both 1 cfu/100mL.
3. 1,2-Dichloroethene = cis-1,2-Dichloroethene + trans-1,2-Dichloroethene
4. Xylenes = m,p-Xylene + o-Xylene
5. \* There is no guideline in WHO. Given values are recommended by WHO.

Approval Signatory:

Poon Ka Wo  
Project Officer