



DEPARTMENT OF THE NAVY
SINGAPORE AREA COORDINATOR
PSC 470, BOX 2100
FPO AP 96534

5090
Ser N00/045
April 3, 2019

Dear Parent or Caregiver:

The U.S. Navy is committed to maintaining safe drinking water on naval installations. Our water distribution system is regularly tested for lead in compliance with the Safe Drinking Water Act.

Lead exposure is a particular concern for children. Lead in drinking water may come from plumbing inside buildings to including fittings, solder, water fountains/coolers, or water faucets. Therefore, the Environmental Protection Agency (EPA) recommends, but does not mandate, that we test the lead content of drinking water in priority areas such as youth centers (YCs) and child development centers (CDCs). The Navy has adopted the EPA recommendation as policy. Lead in drinking water testing at the Child and Youth Programs (CYP) was conducted on 15 March 2019.

I am pleased to report that all water intended for consumption, to include drinking water and water intended for cooking or washing, is below the EPA-recommended lead screening level of 15 parts per billion (ppb; 15 ppb = 0.015 mg/L).

Navy environmental personnel conducted this testing at the CYP following the Navy and EPA guidelines. Samples from various locations in the CYP were sent to Marchwood Laboratories Pte. Ltd. for analysis.

We also tested sinks used for washing. These fixtures were below the recommended screening levels for lead in schools and day care centers. In all, nine (9) samples were taken and tested.

A copy of all test results is enclosed for information. You may also see a copy of our water testing results at the CYP, which is open Monday to Friday (0830-1800).

a. To learn more about lead in drinking water in schools and day care centers, visit the following EPA website: <https://www.epa.gov/dwreginfo/lead-drinking-water-schools-and-child-care-facilities>

b. To learn more about your home's public water supplier, see their annual water quality report by visiting the following website:
https://www.cnic.navy.mil/regions/cnrj/installations/sac/om/environmental_support/water_quality_information.html

While lead in the drinking water at these facilities meets EPA recommended screening levels for schools and daycare centers, if you have any health related questions or concerns about lead exposure you are encouraged to contact your health care provider.

Sincerely,

A handwritten signature in black ink, appearing to read "Daniel D. Moore".

Daniel D. Moore
Captain, United States Navy
Commanding Officer

Enclosure: 1. MLS Test Report Results

TEST REPORT

Our Reference No. : **R191063**
Project Code / Ref. : -

Date Received : 15/03/2019
Date Commenced : 15/03/2019
Date Reported : 21/03/2019

Customer Ref. No. : -
Customer Name : Centerra-Group, LLC
Customer Address : PSA Terminal Sembawang
Deptford Road
Singapore 759657

Attention To : Mr. Allan J. Detoyato

Sample Description : Sampling and Analysis of 9 Water Samples
1. Building 213, 15/03/2019

Analytical/Administrative Discrepancy Summary:

1. Sampling: Sampling was carried out by trained personnel from Marchwood Laboratory Services Pte. Ltd.
2. Sample Condition at Receipt (upon sampling): The samples were received in good condition and no anomalies were noted during sample screening process.
3. Sample Preservation During Transportation: Samples were chilled in an ice box containing ice packs.
4. Sample Processing in Laboratory: Samples were registered into the system and preserved as per method recommendation until analysis begin.

RESULTS: Refer to Page 2



Tan Thuan Piang
Laboratory Manager



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- 1) This report shall not be reproduced except in full, unless approval in writing has been given by MLS.
- 2) The results in this report only apply to the sample received/analysed.
- 3) MLS agrees to use reasonable diligence in the performance of the service.

Marchwood Laboratory Services Pte Ltd:

Main (Office and Laboratory): 116 Tuas South Ave 2, West Point Bizhub Singapore 637163
Branch (Site and Laboratory): 216 Tuas South Ave 2, West Point Bizhub Singapore 637213
Website: www.mls.sg

Co. Reg No. : 201422686C

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 : +65 6262 3736 (Lab)

 : +65 6790 0091
 : +65 6262 3726 / 3776 (Site)

R191063

RESULTS

Location	Test Parameter	Test Method	Unit	Reported Result	PUB Drinking Water Guidelines *	RDL*	DL**	EPA Screening Level	DQ****
SP-01 (15/03/19,0741hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-02 (15/03/19,0742hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-03 (15/03/19,0744hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-04 (15/03/19,0745hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-05 (15/03/19,0746hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-06 (15/03/19,0747hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-07 (15/03/19,0748hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-08 (15/03/19,0750hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-
SP-09 (15/03/19,0751hrs)	Lead as Pb	APHA 3125B	mg/L	<0.005	0.1	0.005	-	0.015	-

Note:

1. APHA is a standard method for Determination of Water and Waste Water (APHA 22nd Edition, 2012)
2. "<" = Less than. The data reported is less than Detection Limit of the test.
3. * = Guideline value based on PUB's typical values for Drinking Water (Environmental Public Health, Quality of Piped Drinking Water Regulations 2008, updated 1 Nov 2010).
4. ^a = Maximum Residual Disinfectant Level (MRDL)
5. RDL* = Reporting Detection Limit
6. DL** = Laboratory Detection Limit
7. DQ**** = Data Qualifier

