Written Program Indoor Air Quality Standard - PEOSH
Indoor Air Quality Survey & Testing for Sick Building Syndrome
Remediation/Cleanup of Mold & Moisture Problems in Schools & Commercial Buildings
Indoor Air Quality in Schools Awareness Training for Administrative/Maintenance Personnel
Asbestos Surveys and AHERA Management Plans
AHERA 2 Hour Awareness Training
"Non-Friable" Asbestos Final Air Clearance Sampling
Right to Know Survey, Compliance & PEOSHA Training
Written Hazard Communication Program (PEOSHA HCS)

**RAMM Environmental Services, Inc.**

*Commitment, Excellence, Integrity*

77 Nottingham Road, PO Box 308
Fair Lawn, New Jersey 07410
Phone: (201) 475-9880
Fax: (201) 475-9881

# LEAD IN DRINKING WATER ANALYSIS
# FOR
# PALMYRA BOARD OF EDUCATION
# ALL FACILITIES
# PALMYRA, NEW JERSEY
# JUNE 17, 2016

**Prepared for:**
**Palmyra Board of Education**
**311 West Fifth Street**
**Palmyra, NJ 08065**
**Attn.: Mr. Ron Holt**
**Operations Supervisor**
**Tel: (856) 786-9300**
**Fax: (856) 829-9638**

**Prepared by:**
**RAMM Environmental Services, Inc.**
**77 Nottingham Road, PO Box 308**
**Fair Lawn, NJ 07410**
**Mr. Rodger Headrick**
**President**
**Tel: (201) 475-9880**
**Fax: (201) 475-9881**

**July 6, 2016**

## REPORT CONTENTS

## INTRODUCTION

RAMM Environmental Services, Inc. was requested by the Palmyra Board of Education to perform water sampling for lead content in the Palmyra Board of Education facilities located in Palmyra, New Jersey.

Water quality sampling functions were performed by RAMM at the Palmyra Board of Education facilities located in Palmyra, New Jersey on June 17, 2016, to determine the quality of drinking water for lead content.



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*e-mail:* ramm_environmental@prodigy.net

## WATER QUALITY MONITORING RESULTS
## LEAD IN DRINKING WATER ANALYSIS

Lead in drinking water sampling was performed during RAMM's June 17, 2016 site visit. The (E.P.A.) Environmental Protection Agency has established an enforceable lead concentration action level for public water supplies. The lead action level is 15 micrograms per liter (mg/L) = parts per billion (ppb), which is equivalent to 0.015 milligrams per liter (mg/L) = parts per million (ppm).

High School

Lead in drinking water measurements were collected in fourteen (14) different locations of the building.

| *Sample #* | *Location* | *Lead Concentration* |
|---|---|---|
| 16-0617-01 | Hallway by Room 103 | <3.00 ppb |
| 16-0617-02 | Hallway by Room 112A | <3.00 ppb |
| 16-0617-03 | Hallway by Room 113B | <3.00 ppb |
| 16-0617-04 | Hallway by Room 213 | <3.00 ppb |
| 16-0617-05 | Hallway by Room 212 | <3.00 ppb |
| 16-0617-06 | Hallway by Room 203 | <3.00 ppb |
| 16-0617-07 | Hallway by Room 12 | <3.00 ppb |
| 16-0617-08 | Basement by Faculty Lounge on Left | <3.00 ppb |
| 16-0617-09 | Basement by Faculty Lounge on Right | <3.00 ppb |
| 16-0617-10 | Nurse's Room – Sink in Office | <3.00 ppb |
| 16-0617-11 | Hallway by Boys' Locker Room | <3.00 ppb |
| 16-0617-12 | Kitchen – Sink on Left | <3.00 ppb |
| 16-0617-13 | Kitchen – Sink on Right | <3.00 ppb |
| 16-0617-14 | Kitchen – Food Prep Sink | <3.00 ppb |

Delaware Avenue School

Lead in drinking water measurements were collected in four (4) different locations of the building.

| *Sample #* | *Location* | *Lead Concentration* |
|---|---|---|
| 16-0617-15 | Hallway by Men's Bathroom | <3.00 ppb |
| 16-0617-16 | Hallway by Room 06 | <3.00 ppb |
| 16-0617-17 | Hallway by Women's Bathroom | <3.00 ppb |
| 16-0617-18 | Faculty Lunch Room | <3.00 ppb |



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Charles Street School

Lead in drinking water measurements were collected in twenty-eight (28) different locations of the building.

| *Sample #* | *Location* | *Lead Concentration* |
|---|---|---|
| 16-0617-19 | Kitchen – Washroom Sink | <3.00 ppb |
| 16-0617-20 | Kitchen – Food Prep Sink | <3.00 ppb |
| 16-0617-21 | Kitchen – Dishwashing Sink on Left | <3.00 ppb |
| 16-0617-22 | Kitchen – Dishwashing Sink on Right | <3.00 ppb |
| 16-0617-23 | Faculty Room – Sink | <3.00 ppb |
| 16-0617-24 | Hallway by Room 27 | <3.00 ppb |
| 16-0617-25 | Room 27 | <3.00 ppb |
| 16-0617-26 | Room 28 | <3.00 ppb |
| 16-0617-27 | Room 26 | <3.00 ppb |
| 16-0617-28 | Room 29 | <3.00 ppb |
| 16-0617-29 | Room 25 | <3.00 ppb |
| 16-0617-30 | Room 30 | <3.00 ppb |
| 16-0617-31 | Room 24 | <3.00 ppb |
| 16-0617-32 | Room 31 | <3.00 ppb |
| 16-0617-33 | Room 23 | <3.00 ppb |
| 16-0617-34 | Room 21 | <3.00 ppb |
| 16-0617-35 | Room 33 | <3.00 ppb |
| 16-0617-36 | Room 34 | <3.00 ppb |
| 16-0617-37 | Hallway by Main Office | <3.00 ppb |
| 16-0617-38 | Room 01 | <3.00 ppb |
| 16-0617-39 | Room 02 | <3.00 ppb |
| 16-0617-40 | Room 07 | <3.00 ppb |
| **16-0617-41** | **Room 03** | **34.5 ppb** |
| 16-0617-42 | Room 06 | <3.00 ppb |
| 16-0617-43 | Room 04 | 5.25 ppb |
| 16-0617-44 | Hallway by Room 04 | <3.00 ppb |
| 16-0617-45 | Hallway by Nurse's Room | <3.00 ppb |
| 16-0617-46 | Hallway by Custodian Closet Across Nurse | <3.00 ppb |



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All results report less than the United States Environmental Protection Agency (U.S.E.P.A.) Guidelines and the New Jersey Department of Environmental Protection (N.J.D.E.P.) for safe drinking water (15 ppb). Currently the drinking water is safe and poses no health hazard to building occupants, with the suspicion of drinking water fountain at the following location:

Charles Street School – Room 03



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*e-mail:* ramm_environmental@prodigy.net

## RECOMMENDATIONS

Charles Street School, Room 03: Turn off water to fountain. Hire plumber to remove all lead containing welding solder from copper water pipes, flush. Upon completion of work operate follow-up Lead in Drinking Water Sampling and Analysis.



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