

## ANALYTICAL REPORT

Eurofins Edison  
777 New Durham Road  
Edison, NJ 08817  
Tel: (732)549-3900

Laboratory Job ID: 460-256069-1  
Client Project/Site: Carrier Clinic School

For:  
Nalco Company  
100 Matawan St.  
Suite 420  
Matawan, New Jersey 07747

Attn: Randal Gotham



Authorized for release by:  
4/29/2022 5:00:23 PM  
Omayra Penas, Senior Project Manager  
(732)593-2538

[Omayra.Penas@et.eurofinsus.com](mailto:Omayra.Penas@et.eurofinsus.com)

Designee for  
Kristyn Tempe, Manager of Project Management  
(732)549-3900  
[Kristyn.Tempe@et.eurofinsus.com](mailto:Kristyn.Tempe@et.eurofinsus.com)

### LINKS

Review your project  
results through  
**TotalAccess**

Have a Question?



Visit us at:  
[www.eurofinsus.com/Env](http://www.eurofinsus.com/Env)

*This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.*

*Results relate only to the items tested and the sample(s) as received by the laboratory.*



# Case Narrative

Client: Nalco Company  
Project/Site: Carrier Clinic School

Job ID: 460-256069-1

**Job ID: 460-256069-1**

**Laboratory: Eurofins Edison**

**Narrative**

## CASE NARRATIVE

**Client: Nalco Company**

**Project: Carrier Clinic School**

**Report Number: 460-256069-1**

This case narrative is in the form of an exception report, where only the anomalies related to this report, method specific performance and/or QA/QC issues are discussed. If there are no issues to report, this narrative will include a statement that documents that there are no relevant data issues.

It should be noted that samples with elevated Reporting Limits (RLs) as a result of a dilution may not be able to satisfy customer reporting limits in some cases. Such increases in the RLs are unavoidable but acceptable consequence of sample dilution that enables quantification of target analytes or interferences which exceed the calibration range of the instrument.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

### **RECEIPT**

The samples were received on 4/11/2022 4:00 PM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 5.4° C.

Note: All samples which require thermal preservation are considered acceptable if the arrival temperature is within 2C of the required temperature or method specified range. For samples with a specified temperature of 4C, samples with a temperature ranging from just above freezing temperature of water to 6C shall be acceptable. Samples that are hand delivered immediately following collection may not meet these criteria, however they will be deemed acceptable according to NELAC standards, if there is evidence that the chilling process has begun, such as arrival on ice, etc.

### **TOTAL METALS**

Samples G1 School (460-256069-1) and Main 4 School (460-256069-2) were analyzed for total metals in accordance with EPA Method 200.8 (ICP/MS). The samples were prepared on 04/13/2022 and analyzed on 04/14/2022.

As a standard practice all non-potable samples and related QC samples (i.e., MB, LCS, Dup, MS, SD) are diluted 5X prior to analysis. Further dilutions may be required dependent upon analyte levels in the samples. Refer to the analytical results forms for dilutions.

Sample G1 School (460-256069-1)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No difficulties were encountered during the metals analysis.

All quality control parameters were within the acceptance limits.

# Sample Summary

Client: Nalco Company  
Project/Site: Carrier Clinic School

Job ID: 460-256069-1

- 1
- 2
- 3
- 4
- 5
- 6
- 7

---

<u>Lab Sample ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Collected</u>	<u>Received</u>
460-256069-1	G1 School	Water	04/11/22 08:50	04/11/22 16:00
460-256069-2	Main 4 School	Water	04/11/22 08:55	04/11/22 16:00

# Client Sample Results

Client: Nalco Company  
Project/Site: Carrier Clinic School

Job ID: 460-256069-1

**Client Sample ID: G1 School**

Date Collected: 04/11/22 08:50

Date Received: 04/11/22 16:00

**Lab Sample ID: 460-256069-1**

Matrix: Water

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	9700		25		ug/L		04/14/22 17:12	10	YZH
Lead	770		20		ug/L		04/14/22 17:12	10	YZH

**Client Sample ID: Main 4 School**

Date Collected: 04/11/22 08:55

Date Received: 04/11/22 16:00

**Lab Sample ID: 460-256069-2**

Matrix: Water

**Method: 200.8 - Metals (ICP/MS)**

Analyte	Result	Qualifier	RL	MDL	Unit	D	Analyzed	Dil Fac	Analyst
Copper	240		2.5		ug/L		04/14/22 17:09	1	YZH
Lead	<2.0		2.0		ug/L		04/14/22 17:09	1	YZH

# Accreditation/Certification and Definitions Summary

Client: Nalco Company  
Project/Site: Carrier Clinic School

Job ID: 460-256069-1

## Laboratory: Eurofins Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New Jersey	NELAP	12028	06-30-22

## Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
α	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
1C	Result is from the primary column on a dual-column method.
2C	Result is from the confirmation column on a dual-column method.
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

# Method Summary

Client: Nalco Company  
Project/Site: Carrier Clinic School

Job ID: 460-256069-1

Method	Method Description	Protocol	Laboratory
200.8	Metals (ICP/MS)	EPA	TAL EDI
200	Preparation, Metals	EPA	TAL EDI

**Protocol References:**

EPA = US Environmental Protection Agency

**Laboratory References:**

TAL EDI = Eurofins Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900



# Chain of Custody Record

636231



Environment Testing  
America

256069

TAL-8210

Address: \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Regulatory Program:  DW  NPDES  RCRA  Other:

Client Contact Company Name: <u>Nalco Water</u> Address: <u>40 Appleton Ave</u> City/State/Zip: <u>Leonardo NJ 07737</u> Phone: <u>732-737-4333</u> Fax: _____ Project Name: <u>Carnier Clinic</u> Site: <u>Belk med NJ</u> P O # _____		Project Manager: <u>Luke Fuhrman</u> Tell/Email: <u>732-737-4333</u> Analysis Turnaround Time <input type="checkbox"/> CALENDAR DAYS <input type="checkbox"/> WORKING DAYS TAT if different from Below <input type="checkbox"/> 2 weeks <input type="checkbox"/> 1 week <input type="checkbox"/> 2 days <input type="checkbox"/> 1 day		Site Contact: <u>Charick Do...</u> Date: <u>4/11/22</u> Lab Contact: <u>908-261-...</u> Carrier: _____		COC No: _____ of _____ COCs Sampler: _____ For Lab Use Only: Walk-in Client: _____ Lab Sampling: _____ Job / SDG No.: _____	
Sample Identification <u>G1 School</u> <u>Main 4 School</u>		Sample Date <u>4/11/2008:50</u> <u>4/11/2008:55</u>	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N) <u>✓</u> Perform MS/MSD (Y/N) <u>✓</u> Sample Specific Notes: <u>1</u> <u>2</u>	
Preservation Used: 1= Ice, 2= HCl; 3= H2SO4; 4=HNO3; 5=NaOH; 6= Other _____ Possible Hazard Identification: _____ Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							
Special Instructions/QC Requirements & Comments: _____							
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.: _____		Cooler Temp. (°C): Obs'd: _____ Cor'd: _____		Therm ID No.: _____	
Relinquished by: _____ Date/Time: _____		Company: <u>Nalco Water</u>		Received by: _____ Date/Time: <u>4/11/22 16:00</u>		Company: <u>...</u>	
Relinquished by: _____ Date/Time: _____		Company: _____		Received by: _____ Date/Time: _____		Company: _____	
Relinquished by: _____ Date/Time: _____		Company: _____		Received in Laboratory by: _____ Date/Time: _____		Company: _____	



460-256069 Chain of Custody

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

Return to Client  Disposal by Lab  Archive for \_\_\_\_\_ Months

5.2/5.4 29 MGS

- 1
- 2
- 3
- 4
- 5
- 6
- 7

