

**Midwest
Environmental
Consulting Services, Inc.**

*Providing Quality Service
Since 1994*

Consultants ◀ Engineers ▶ Scientists

**LEAD-IN-WATER
TESTING REPORT**

Prepared for:

HENRY-SENACHWINE SCHOOL DISTRICT #5

1023 College Avenue
Henry, IL 61537

Project Location:



HENRY-SENACHWINE GRADE SCHOOL

201 Richards Street
Henry, IL 61537

4 Bonnie Lane
Yorkville, IL 60560
P: 630 · 553 · 3989
F: 630 · 553 · 3990

Testing Date: February 6, 2018

MEC Project #: 18-01-055-I.H.

3100 N. Knoxville Ave.
Suite 204
Peoria, IL 61603
P: 309 · 621 · 4680
F: 309 · 621 · 4690

www.mec-us.com

**HENRY-SENACHWINE SCHOOL DISTRICT #5
HENRY-SENACHWINE GRADE SCHOOL
201 Richards Street
Henry, IL 61537**

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MEC Project #: 18-01-055-I.H.**

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EXECUTIVE SUMMARY

Midwest Environmental Consulting Services, Inc. (MEC) was retained by Henry-Senachwine School District #5 to conduct water sampling services to retest for lead-in-water at the Henry-Senachwine Grade School, located at 201 Richards Street, Henry, Illinois, 61537. The water testing was conducted at the school district's request in locations specific to drinking fountains and water sources used for potential cooking and/or food and beverage preparation. At this school, these locations included:

- Teachers' Lounge – Sink
- Middle Corridor – Center Drinking Fountain

The purpose of the testing was to determine if lead was present in any water source at or above the Illinois Department of Public Health (IDPH) action level of 5 micrograms per liter ($\mu\text{g/L}$).

The "first draw" samples from the following locations were determined to be above the IDPH action level of 5 $\mu\text{g/L}$:

- None

The "flush samples" from the following locations were determined to be above the IDPH action level of 5 $\mu\text{g/L}$:

- None

Based on these conclusions, the following recommendations are provided:

- Continue proper maintenance of all other sinks, drinking fountains, and any other water source to be used for potential cooking and/or food and beverage preparation.
- Post the results and the locations, and include the USEPA website for information about lead in drinking water: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.

INTRODUCTION

On January 16, 2017, SB 0500 was signed into law as part of Public Act 099-0922. Public Act 099-0922 requires all schools from pre-kindergarten through 5th grade to test for lead in water used for drinking and food preparation. Schools constructed prior to January 1, 1987 were required to test for lead by December 31, 2017. Schools constructed between January 2, 1987 and January 1, 2000 are required to test for lead by December 31, 2018. Schools constructed after January 1, 2000 are not required to test for lead at this time.

The Safe Drinking Water Act (SDWA) gives individual states the opportunity to set and enforce their own drinking water standards if the standards are at a minimum as stringent as USEPA's national standards. The USEPA action level for lead is 15 parts per billion (ppb), which is the equivalent of 15 micrograms per liter ($\mu\text{g/L}$). Public Act 099-0922 sets an Illinois action level of 5 $\mu\text{g/L}$.

Midwest Environmental Consulting Services, Inc. (MEC) was retained by Henry-Senachwine School District #5 to conduct water sampling services to test for lead-in-water at the Henry-Senachwine Grade School, located at 201 Richards Street, Henry, Illinois, 61537. The water testing was conducted at the school district's request in locations specific to drinking fountains and water sources used for potential cooking and/or food and beverage preparation.

Prior to sampling, the fixtures must be idle and unused for a minimum of eight hours, but no more than eighteen hours. Samples cannot be collected on Mondays or immediately after extended holiday or break periods. Each fixture must have a "first draw" and a "second draw" sample. The sampling procedure is as follows: the "first draw" sample is collected as soon as the fixture is turned on. Then the fixture is allowed to run for thirty seconds. At the end of thirty seconds, the "second draw" sample is collected from the fixture.

These samples are then sent, under chain-of-custody, to an Illinois Environmental Protection Agency (IEPA) accredited analytical laboratory for analysis. The analytical laboratory analyzed the water samples for total lead using EPA Method 200.8 with a method detection limit of 2.00 $\mu\text{g/L}$. If the sample results are less than 5 $\mu\text{g/L}$, then, at a minimum, the school district must post the results on their website. If any of the sample results exceed 5 $\mu\text{g/L}$, then the school district must notify parents in writing or electronically and include the location and the source of the sample exceeding 5 $\mu\text{g/L}$, and the USEPA website for information about lead in drinking water: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

Performed for:

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HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
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SAMPLE LOCATIONS

MEC performed a second visit and collected samples at the following school for analysis. The purpose of the testing was to determine if lead was present in any water source at or above the IDPH action level of 5 µg/L.

At the Henry-Senachwine Grade School, these locations included:

- Teachers' Lounge – Sink
- Middle Corridor – Center Drinking Fountain

The purpose of the testing was to determine if lead was present in any water source at or above the IDPH action level of 5 µg/L.

This visit occurred on February 6, 2018. MEC was represented during the subject visit by Mr. Brandon Gorte, PE.

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.

BACKGROUND INFORMATION

Lead enters drinking water primarily through plumbing materials. Exposure to lead may cause health problems ranging from stomach distress to brain damage. Lead can enter drinking water when service pipes that contain lead corrode, especially where the water has high acidity or low mineral content that corrodes pipes and fixtures. The most common problems are with brass or chrome-plated brass faucets and fixtures with lead solder, from which significant amounts of lead can enter into the water.

The Environmental Protection Agency (EPA) sets legal limits on over 90 contaminants in drinking water. The legal limit for a contaminant reflects the level that protects human health and that water systems can achieve using the best available technology. EPA rules also set water-testing schedules and methods that water systems must follow.

The Safe Drinking Water Act (SDWA) gives individual states the opportunity to set and enforce their own drinking water standards if the standards are at a minimum as stringent as EPA's national standards. The EPA action level for lead is 15 parts per billion (ppb), which is the equivalent of 15 µg/L. The IDPH action level for lead is 5 ppb, which is the equivalent of 5 µg/L.

If all sample results are less than 5 ppb (5 µg/L), the school district may use their website (at a minimum) to notify parents of the results. Should any source of drinking water exhibit lead levels of 5 ppb (5 µg/L), the school district must notify parents in writing or electronically and include:

- The locations and source exceeding 5 ppb, and the USEPA website for information about lead in drinking water: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

Performed for:

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HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
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METHODOLOGY

Water Sampling



Water samples were collected utilizing 250 mL sampling bottles with no preservative. All samples were collected from outlets that were inactive for at least 8 hours, but no more than 18 hours, prior to sample collection. A "first draw" sample was collected at each outlet, which is the first water to come out of the tap after the period of inactivity. A second "flush sample" was collected at each outlet after water was allowed to run for 30 seconds after the "first draw" collection. This allows testing to be conducted of water located further in the system. Sampling was performed following methodology consist with EPA Method 200.8 (*Determination of Trace Elements in Waters and Wastes by Inductively Coupled Plasma – Mass Spectrometry*).

An independent laboratory (STAT Analysis Corporation, Chicago, Illinois) accredited by the Illinois Environmental Protection Agency (IEPA) Illinois Environmental Laboratory Accreditation Program (ELAP) was used for all environmental analysis. The IEPA ELAP certification for STAT Analysis Corporation is attached.

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HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.

RESULTS

The "first draw" samples from the following locations were determined to be above the IDPH action level of 5 µg/L:

- None

The "flush samples" from the following locations were determined to be above the IDPH action level of 5 µg/L:

- None

Floor plans of sampled locations are provided in Appendix 1. Copies of all laboratory analytical reports are provided in Appendix 2. Certifications are provided in Appendix 3.

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.

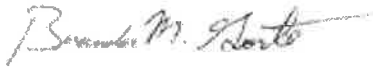
CONCLUSIONS

Based on these conclusions, the following recommendations are provided:

- Continue proper maintenance of all other sinks, drinking fountains, and any other water source to be used for potential cooking and/or food and beverage preparation.
- Post the results and the locations, and include the USEPA website for information about lead in drinking water: <https://www.epa.gov/ground-water-and-drinking-water/basic-information-about-lead-drinking-water>.

Sincerely,

MIDWEST ENVIRONMENTAL CONSULTING SERVICES, INC.



Brandon M. Gorte, PE
Environmental Engineer

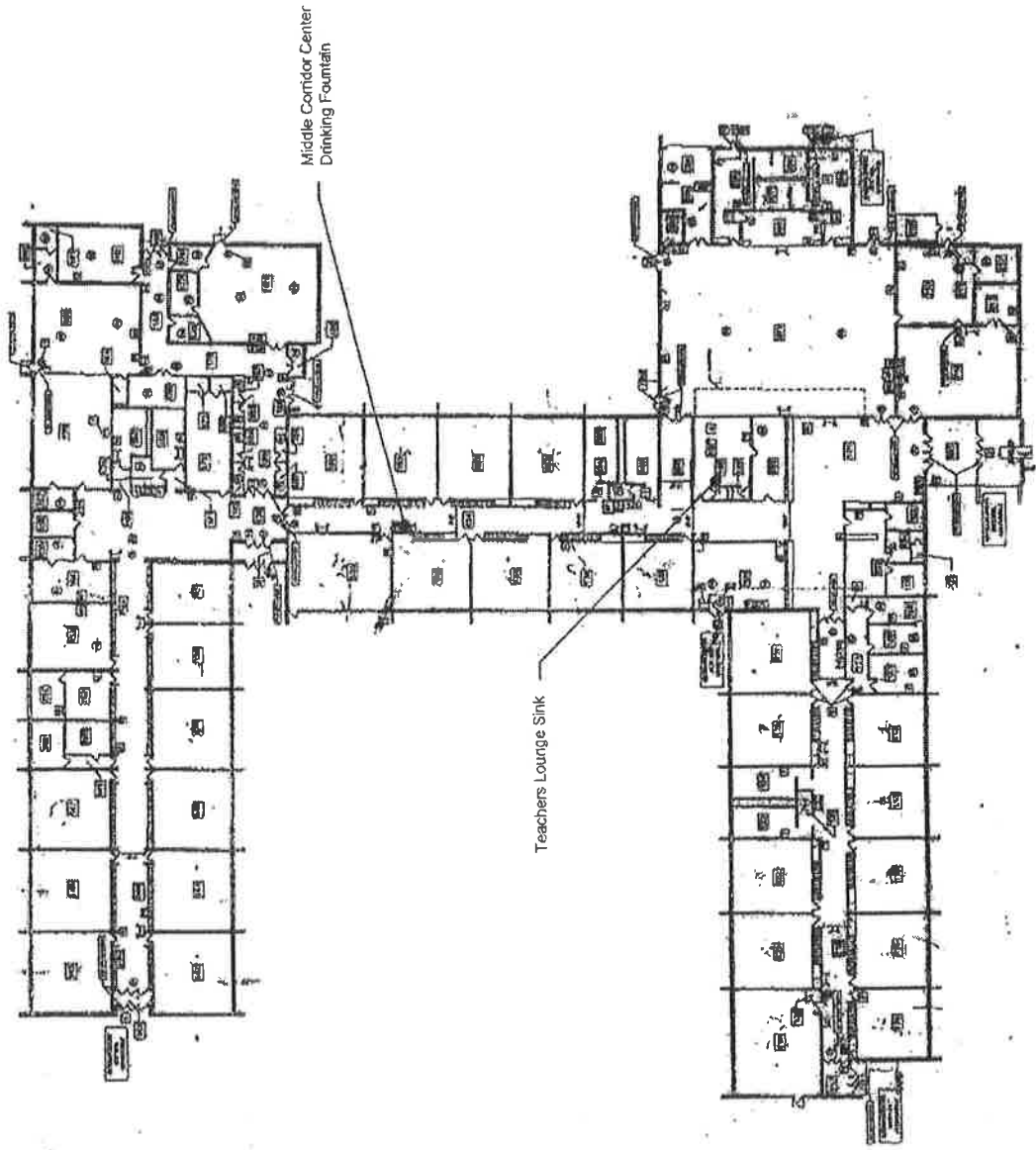
Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.

APPENDIX 1
FLOOR PLANS OF SAMPLED LOCATIONS

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.




FIRST FLOOR

REVISIONS		LEAD SURVEY	
REV NO	DATE	REV BY:	Project No
			18-01-055-IH
			Drawing Date
			02/06/2018
			Inspector
			Brandon Gorte
			Scale
			NTS
			Drawn By
			CAS

Project Location:
 Henry-Senachwine Grade School
 201 Richards Street
 Henry, IL 61537

Client:
 Henry-Senachwine School District #5
 1023 College Avenue
 Henry, IL 61537

Consultant:

 Midwest Environmental Consulting Services, Inc.
 Consulting Engineers Architects

APPENDIX 2
LABORATORY ANALYTICAL RESULTS

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.



Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com

Accreditations: IEPA ELAP 100445; ORELAP IL300001; AIHA-LAP, LLC 101160; NVLAP LabCode 101202-0

February 12, 2018

Midwest Environmental Consulting Services
4 Bonnie Lane
Yorkville, IL 60560
Telephone: (630) 553-3989
Fax: (630) 553-3990



Analytical Report for STAT Work Order: 18020127 Revision 0

RE: 18-01-055-IH, Henry-Senachwine Grade School, Henry, Illinois

Dear Brandon Gorte:

STAT Analysis received 4 samples for the referenced project on 2/6/2018 3:30:00 PM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAP standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Martin Kucan
Project Manager

The information contained in this report and any attachments is confidential information intended only for the use of the individual or entities named above. The results of this report relate only to the samples tested. If you have received this report in error, please notify us immediately by phone. This report shall not be reproduced, except in its entirety, unless written approval has been obtained from the laboratory. This analytical report shall become property of the Customer upon payment in full. Otherwise, STAT will be under no obligation to support, defend or discuss the analytical report.

Client: Midwest Environmental Consulting Services
Project: 18-01-055-IH, Henry-Senachwine Grade School, Henr
Work Order: 18020127 Revision 0

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
18020127-001A	HS-TL-S-3		2/6/2018 6:25:00 AM	2/6/2018
18020127-002A	HS-TL-S-4		2/6/2018 6:26:00 AM	2/6/2018
18020127-003A	HS-MC-DF-3		2/6/2018 6:29:00 AM	2/6/2018
18020127-004A	HS-MC-DF-4		2/6/2018 6:30:00 AM	2/6/2018

STAT Analysis Corporation

2242 West Harrison St., Suite 200, Chicago, IL 60612-3766

Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATanalysis.com

Accreditation Numbers : IEPA ELAP 100445 ; ORELAP IL300001 ; AIHA-LAP, LLC 101160

Date Reported: February 12, 2018

ANALYTICAL RESULTS

Date Printed: February 12, 2018

Client: Midwest Environmental Consulting Services
 Work Order: 18020127 Revision 0
 Project: 18-01-055-IH, Henry-Senachwine Grade School, Henry,

Client ID	Additional Info	Sample ID	Matrix	Lead Result	Units	Qualifier	Analyst	Date Analyzed	Analytical Method
HS-TL-S-3		18020127-001A	Water	< 2.00	µg/L (ppb)		MDT	02/08/2018	E200.8R5.4
HS-TL-S-4		18020127-002A	Water	4.08	µg/L (ppb)		MDT	02/08/2018	E200.8R5.4
HS-MC-DF-3		18020127-003A	Water	< 2.00	µg/L (ppb)		MDT	02/08/2018	E200.8R5.4
HS-MC-DF-4		18020127-004A	Water	2.55	µg/L (ppb)		MDT	02/08/2018	E200.8R5.4

Qualifiers:

B - Analyte detected in the associated Method Blank

S - Spike Recovery outside accepted recovery limits

R - RPD outside accepted recovery limits

E - Value above quantitation range

* - Non-accredited parameter

Sample Receipt Checklist

Client Name **MECS**

Date and Time Received: **2/6/2018 3:30:00 PM**

Work Order Number **18020127**

Received by: **CRG**

Checklist completed by:

[Signature]
Signature

2/6/18
Date

Reviewed by:

MK
Initials

2/6/18
Date

Matrix:

Carrier name STAT Analysis

Shipping container/cooler in good condition?

Yes

No

Not Present

Custody seals intact on shipping container/cooler?

Yes

No

Not Present

Custody seals intact on sample bottles?

Yes

No

Not Present

Chain of custody present?

Yes

No

Chain of custody signed when relinquished and received?

Yes

No

Chain of custody agrees with sample labels/containers?

Yes

No

Samples in proper container/bottle?

Yes

No

Sample containers intact?

Yes

No

Sufficient sample volume for indicated test?

Yes

No

All samples received within holding time?

Yes

No

Container or Temp Blank temperature in compliance?

Yes

No

Temperature **3.9 °C**

Water - VOA vials have zero headspace?

No VOA vials submitted

Yes

No

Water - Samples pH checked?

Yes

No

Checked by: *CRG*

Water - Samples properly preserved?

Yes

No

pH Adjusted? *N/A*

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted:

Date contacted:

Contacted by:

Response:

APPENDIX 3
LICENSES AND CERTIFICATIONS

Performed for:

HENRY-SENACHWINE SCHOOL DISTRICT #5
1023 College Avenue
Henry, IL 61537
MEC Project #: 18-01-055-I.H.



STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY
NELAP - RECOGNIZED



ENVIRONMENTAL LABORATORY ACCREDITATION

is hereby granted to

STAT ANALYSIS CORPORATION
2242 WEST HARRISON STREET
CHICAGO, IL 60612

NELAP ACCREDITED
 ACCREDITATION NUMBER #100445



According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

Celeste M. Crowley
 Acting Manager
 Environmental Laboratory Accreditation Program

John South
 Accreditation Officer
 Environmental Laboratory Accreditation Program

Certificate No.: 004211
 Expiration Date: 09/30/2018
 Issued On: 08/08/2017

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004211

Awards the Certificate of Approval to:

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

According to the Illinois Administrative Code, Title 35, Subtitle A, Chapter II, Part 186, ACCREDITATION OF LABORATORIES FOR DRINKING WATER, WASTEWATER AND HAZARDOUS WASTES ANALYSIS, the State of Illinois formally recognizes that this laboratory is technically competent to perform the environmental analyses listed on the scope of accreditation detailed below.

The laboratory agrees to perform all analyses listed on this scope of accreditation according to the Part 186 requirements and acknowledges that continued accreditation is dependent on successful ongoing compliance with the applicable requirements of Part 186. Please contact the Illinois EPA Environmental Laboratory Accreditation Program (IL ELAP) to verify the laboratory's scope of accreditation and accreditation status. Accreditation by the State of Illinois is not an endorsement or a guarantee of validity of the data generated by the laboratory.

FOT Name: Drinking Water, Inorganic

Method: USEPA200.8R5.4

Matrix Type: Potable Water

Aluminum	Antimony
Arsenic	Barium
Beryllium	Cadmium
Chromium	Copper
Lead	Manganese
Molybdenum	Nickel
Selenium	Silver
Thallium	Zinc

FOT Name: Non Potable Water, Inorganic

Method: SM2310B,1997

Matrix Type: NPW

Acidity

Method: SM2320B,1997

Matrix Type: NPW

Alkalinity

Method: SM2510B,1997

Matrix Type: NPW

Specific Conductance

Method: SM2540B,1997

Matrix Type: NPW

Residue (Total)

Method: SM2540C,1997

Matrix Type: NPW

Residue (TDS)

Method: SM2540D,1997

Matrix Type: NPW

Residue (TSS)

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004211

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

FOT Name: Non Potable Water, Inorganic

Method: SM2540E,1997

Matrix Type: NPW/SCM

Residue (% Volatile)

Method: SM2540F,1997

Matrix Type: NPW

Residue (settleable)

Method: SM3500Cr-B,2009

Matrix Type: NPW/SCM

Chromium VI

Method: SM4500Cl-G,2000

Matrix Type: NPW

Chlorine, Total Residual

Method: SM4500CN-E,1999

Matrix Type: NPW

Cyanide

Method: SM4500H-B,2000

Matrix Type: NPW

Hydrogen Ion (pH)

Method: SM4500NH3-G,1997

Matrix Type: NPW

Ammonia

Method: SM4500NO3-F,2000

Matrix Type: NPW/SCM

Nitrate

Nitrate-nitrite (as N)

Nitrite (as N)

Method: SM4500P-E,1999

Matrix Type: NPW

Orthophosphate (as P)

Phosphorus

Method: SM5210B,2001

Matrix Type: NPW/SCM

Biochemical Oxygen Demand (BOD)

Carbonaceous Biochemical Oxygen Demand (CBOI)

Method: USEPA120.1,1982

Matrix Type: NPW/SCM

Specific Conductance

Method: USEPA150.2,1982

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004211

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STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

FOT Name: Non Potable Water, Inorganic

Method: USEPA150.2,1982

Matrix Type: NPW/SCM

Hydrogen Ion (pH)

Method: USEPA1664A

Matrix Type: NPW/SCM

Oil and Grease

Method: USEPA200.8,1994

Matrix Type: NPW/SCM

Aluminum

Arsenic

Beryllium

Cadmium

Cobalt

Iron

Manganese

Nickel

Silver

Tin

Zinc

Antimony

Barium

Boron

Chromium

Copper

Lead

Molybdenum

Selenium

Thallium

Vanadium

Method: USEPA245.1R3.0,1994

Matrix Type: NPW/SCM

Mercury

Method: USEPA410.4R2.0,1993

Matrix Type: NPW/SCM

Chemical Oxygen Demand (COD)

Method: USEPA420.4R1.0,1993

Matrix Type: NPW/SCM

Phenolics

FOT Name: Non Potable Water, Organic

Method: USEPA608

Matrix Type: NPW/SCM

4,4'-DDD

4,4'-DDT

alpha-BHC

Chlordane

4,4'-DDE

Aldrin

beta-BHC

delta-BHC

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004211

STAT Analysis Corporation
 2242 West Harrison Street
 Chicago, IL 60612

FOT Name: Non Potable Water, Organic

Method: USEPA608

Matrix Type: NPW/SCM

Endosulfan I
 Endosulfan sulfate
 Endrin aldehyde
 Heptachlor
 Methoxychlor
 PCB-1221
 PCB-1242
 PCB-1254
 Toxaphene

Dieldrin
 Endosulfan II
 Endrin
 gamma-BHC (Lindane)
 Heptachlor epoxide
 PCB-1016
 PCB-1232
 PCB-1248
 PCB-1260

Method: USEPA624

Matrix Type: NPW/SCM

1,1,1-Trichloroethane
 1,1,2-Trichloroethane
 1,1-Dichloroethene
 1,2-Dichloroethane
 1,3-Dichlorobenzene
 2-Chloroethylvinyl ether
 Acrylonitrile
 Bromodichloromethane
 Bromomethane
 Chlorobenzene
 Chloroform
 cis-1,3-Dichloropropene
 Dichloromethane (Methylene chloride)
 Methyl tert-butyl ether (MTBE)
 Toluene
 trans-1,3-Dichloropropene
 Trichlorofluoromethane
 Xylenes (total)

1,1,2,2-Tetrachloroethane
 1,1-Dichloroethane
 1,2-Dichlorobenzene
 1,2-Dichloropropane
 1,4-Dichlorobenzene
 Acrolein (Propenal)
 Benzene
 Bromoform
 Carbon tetrachloride
 Chloroethane
 Chloromethane
 Dibromochloromethane
 Ethylbenzene
 Tetrachloroethene
 trans-1,2-Dichloroethene
 Trichloroethene
 Vinyl chloride

Method: USEPA625

Matrix Type: NPW/SCM

1,2,4-Trichlorobenzene
 1,3-Dichlorobenzene

1,2-Dichlorobenzene
 1,4-Dichlorobenzene

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004211

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

FOT Name: Non Potable Water, Organic

Method: USEPA625

Matrix Type: NPW/SCM

2,4,5-Trichlorophenol
2,4-Dichlorophenol
2,4-Dinitrophenol
2,6-Dinitrotoluene (2,6-DNT)
2-Chlorophenol
2-Nitrophenol
4-Bromophenyl phenyl ether
4-Chlorophenyl phenyl ether
Acenaphthene
Anthracene
Benzo(a)anthracene
Benzo(b)fluoranthene
Benzo(k)fluoranthene
Bis(2-chloroethoxy) methane
Bis(2-ethylhexyl) phthalate
Dibenz(a,h)anthracene
Dimethyl phthalate
Di-n-octyl phthalate
Fluorene
Hexachlorobutadiene
Hexachloroethane
Isophorone
Nitrobenzene
N-Nitrosodi-n-propylamine
Pentachlorophenol
Phenol

2,2-Oxybis (2-chloropropane)
2,4,6-Trichlorophenol
2,4-Dimethylphenol
2,4-Dinitrotoluene (2,4-DNT)
2-Chloronaphthalene
2-Methyl-4,6-dinitrophenol
3,3'-Dichlorobenzidine
4-Chloro-3-methylphenol
4-Nitrophenol
Acenaphthylene
Benzidine
Benzo(a)pyrene
Benzo(g,h,i)perylene
Benzyl butyl phthalate
Bis(2-chloroethyl) ether
Chrysene
Diethyl phthalate
Di-n-butyl phthalate
Fluoranthene
Hexachlorobenzene
Hexachlorocyclopentadiene
Indeno(1,2,3-cd) pyrene
Naphthalene
N-Nitrosodimethylamine
N-Nitrosodiphenylamine
Phenanthrene
Pyrene

FOT Name: Solid and Chemical Materials, Inorganic

Method: 1010A

Matrix Type: SCM

Ignitability

Method: 1311

Matrix Type: NPW/SCM

TCLP (Organic and Inorganic)

State of Illinois
Environmental Protection Agency
Awards the Certificate of Approval

Certificate No.: 004-211

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

1,1-Dichloroethene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,2-Dibromo-3-chloropropane (DBCP)
1,2-Dichlorobenzene
1,2-Dichloropropane
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,2-Dichloropropane
2-Chloroethyl vinyl ether
2-Hexanone
2-Nitropropane
4-Chlorotoluene
Acetone
Acrylonitrile
Bromobenzene
Bromodichloromethane
Bromomethane
Carbon tetrachloride
Chlorodibromomethane (Dibromochloromethane)
Chloroform
cis-1,2-Dichloroethene
Dibromomethane
Dichloromethane (Methylene chloride)
Ethyl acetate
Ethylbenzene
Isopropylbenzene
Methyl isobutyl ketone
m-Xylene
n-Butanol
o-Xylene
p-Xylene
Styrene
Tetrachloroethene

1,1-Dichloroethane
1,1-Dichloropropene
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,2-Dibromoethane (EDB)
1,2-Dichloroethane
1,3,5-Trimethylbenzene
1,3-Dichloropropane
1,4-Dioxane
2-Butanone (Methyl ethyl ketone, MEK)
2-Chlorotoluene
2-Methyl-1-propanol (Isobutyl alcohol)
2-Propanol (Isopropyl alcohol)
4-Methyl-2-pentanone (Methyl isobutyl ketone, MIBK)
Acrolein (Propenal)
Benzene
Bromochloromethane
Bromoform
Carbon disulfide
Chlorobenzene
Chloroethane
Chloromethane
cis-1,3-Dichloropropene
Dichlorodifluoromethane
Diethyl ether
Ethyl ether
Hexachlorobutadiene
Methyl ethyl ketone
Methyl-t-butyl ether
Naphthalene
n-Butylbenzene
p-Isopropyltoluene
sec-Butylbenzene
tert-Butylbenzene
Tetrahydrofuran

**State of Illinois
Environmental Protection Agency**

Certificate No.: 004211

Awards the Certificate of Approval

STAT Analysis Corporation
2242 West Harrison Street
Chicago, IL 60612

FOT Name: Solid and Chemical Materials, Organic

Method: 8260B

Matrix Type: NPW/SCM

trans-1,2-Dichloroethene
Trichloroethene
Trichlorotrifluoroethane
Vinyl chloride

Toluene
trans-1,3-Dichloropropene
Trichlorofluoromethane
Vinyl acetate
Xylenes (Total)

Method: 8260C

Matrix Type: NPW/SCM

1,1,1,2-Tetrachloroethane
1,1,2,2-Tetrachloroethane
1,1-Dichloroethane
1,1-Dichloropropene
1,2,3-Trichloropropane
1,2,4-Trimethylbenzene
1,2-Dibromoethane
1,2-Dichloroethane
1,3,5-Trimethylbenzene
1,3-Dichlorobenzene
1,4-Dioxane
2-Butanone (MEK)
2-Chlorotoluene
2-Nitropropane
4-Methyl-2-pentanone (MIBK)
Acrolein (Propenal)
Benzene
Bromochloromethane
Bromoform
Carbon disulfide
Chlorobenzene
Chloroethane
Chloromethane
cis-1,3-Dichloropropene
Dichlorodifluoromethane
Ethyl acetate
Isopropylbenzene
m-Xylene

1,1,1-Trichloroethane
1,1,2-Trichloroethane
1,1-Dichloroethene
1,2,3-Trichlorobenzene
1,2,4-Trichlorobenzene
1,2-Dibromo-3-chloropropane
1,2-Dichlorobenzene
1,2-Dichloropropane
1,3-Dichloro-2-propanol
1,3-Dichloropropane
2,2-Dichloropropane
2-Chloroethyl vinyl ether
2-Hexanone
4-Chlorotoluene
Acetone
Acrylonitrile
Bromobenzene
Bromodichloromethane
Bromomethane
Carbon tetrachloride
Chlorodibromomethane
Chloroform
cis-1,2-Dichloroethene
Dibromomethane
Diethyl ether
Ethylbenzene
Methyl tert-butyl ether (MTBE)
Naphthalene