



*Environmental Laboratory Accreditation Program  
Scope of Certification*

**THIS LISTING OF FIELDS OF ACCREDITATION MUST BE  
ACCOMPANIED BY CERTIFICATE NUMBER: 2595530**

State Laboratory ID: 027-035-135

EPA Lab Code: MN00098

Issue Date: 11/20/2023

Expiration Date: 12/31/2024

**A.W. Research Laboratories, Inc.**

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Brainerd, MN 56401

**Clean Water Program**

**EPA 300.0 Rev. 2.1**

Preparation Techniques: N/A

| Program | Method             | Analyte                   | Matrix | Primary | SOP |
|---------|--------------------|---------------------------|--------|---------|-----|
| CWP     | EPA 300.0 Rev. 2.1 | Chloride                  | NPW    | MN      |     |
| CWP     | EPA 300.0 Rev. 2.1 | Nitrate as N              | NPW    | MN      |     |
| CWP     | EPA 300.0 Rev. 2.1 | Nitrate plus Nitrite as N | NPW    | MN      |     |
| CWP     | EPA 300.0 Rev. 2.1 | Nitrite as N              | NPW    | MN      |     |
| CWP     | EPA 300.0 Rev. 2.1 | Sulfate                   | NPW    | MN      |     |

**EPA 350.1 Rev. 2.0**

Preparation Techniques: Gas Diffusion;

| Program | Method             | Analyte      | Matrix | Primary | SOP |
|---------|--------------------|--------------|--------|---------|-----|
| CWP     | EPA 350.1 Rev. 2.0 | Ammonia as N | NPW    | MN      |     |

**EPA 351.2 Rev. 2**

Preparation Techniques: Digestion, hotplate or HotBlock;

| Program | Method           | Analyte                       | Matrix | Primary | SOP |
|---------|------------------|-------------------------------|--------|---------|-----|
| CWP     | EPA 351.2 Rev. 2 | Total Kjeldahl Nitrogen (TKN) | NPW    | MN      |     |

### EPA 353.2 (calc.)

Preparation Techniques: N/A

| Program | Method            | Analyte      | Matrix | Primary | SOP |
|---------|-------------------|--------------|--------|---------|-----|
| CWP     | EPA 353.2 (calc.) | Nitrate as N | NPW    | MN      |     |

### EPA 353.2 Rev. 2.0

Preparation Techniques: N/A

| Program | Method             | Analyte                   | Matrix | Primary | SOP |
|---------|--------------------|---------------------------|--------|---------|-----|
| CWP     | EPA 353.2 Rev. 2.0 | Nitrate plus Nitrite as N | NPW    | MN      |     |
| CWP     | EPA 353.2 Rev. 2.0 | Nitrite as N              | NPW    | MN      |     |

### EPA 365.3

Preparation Techniques: N/A

| Program | Method    | Analyte             | Matrix | Primary | SOP |
|---------|-----------|---------------------|--------|---------|-----|
| CWP     | EPA 365.3 | Orthophosphate as P | NPW    | MN      |     |
| CWP     | EPA 365.3 | Total Phosphorus    | NPW    | MN      |     |

### HACH 10360 Rev 1.2 (2011)

Preparation Techniques: N/A

| Program | Method                    | Analyte                         | Matrix | Primary | SOP |
|---------|---------------------------|---------------------------------|--------|---------|-----|
| CWP     | HACH 10360 Rev 1.2 (2011) | Biochemical Oxygen Demand (BOD) | NPW    | MN      |     |
| CWP     | HACH 10360 Rev 1.2 (2011) | Carbonaceous BOD (CBOD)         | NPW    | MN      |     |

### SM 2320 B-2011

Preparation Techniques: N/A

| Program | Method         | Analyte                         | Matrix | Primary | SOP |
|---------|----------------|---------------------------------|--------|---------|-----|
| CWP     | SM 2320 B-2011 | Alkalinity as CaCO <sub>3</sub> | NPW    | MN      |     |

### SM 2510 B-2011

Preparation Techniques: N/A

| Program | Method         | Analyte      | Matrix | Primary | SOP |
|---------|----------------|--------------|--------|---------|-----|
| CWP     | SM 2510 B-2011 | Conductivity | NPW    | MN      |     |

### SM 2540 C-2015

Preparation Techniques: N/A

| Program | Method         | Analyte                  | Matrix | Primary | SOP |
|---------|----------------|--------------------------|--------|---------|-----|
| CWP     | SM 2540 C-2015 | Residue-filterable (TDS) | NPW    | MN      |     |

### SM 4500-H+ B-2011

Preparation Techniques: N/A

| Program | Method            | Analyte | Matrix | Primary | SOP |
|---------|-------------------|---------|--------|---------|-----|
| CWP     | SM 4500-H+ B-2011 | pH      | NPW    | MN      |     |

### USGS I-3765-85

Preparation Techniques: N/A

| Program | Method         | Analyte                     | Matrix | Primary | SOP |
|---------|----------------|-----------------------------|--------|---------|-----|
| CWP     | USGS I-3765-85 | Residue-nonfilterable (TSS) | NPW    | MN      |     |

### Colilert®-18 (Fecal Coliforms)

Preparation Techniques: N/A

| Program | Method                         | Analyte         | Matrix | Primary | SOP |
|---------|--------------------------------|-----------------|--------|---------|-----|
| CWP     | Colilert®-18 (Fecal Coliforms) | Fecal coliforms | NPW    | MN      |     |

**SM 9223 B-2016**

Preparation Techniques: N/A

| Program | Method         | Analyte                    | Matrix | Primary | SOP |
|---------|----------------|----------------------------|--------|---------|-----|
| CWP     | SM 9223 B-2016 | Escherichia coli (E. coli) | NPW    | MN      |     |

**Safe Drinking Water Program****EPA 300.0 Rev. 2.1**

Preparation Techniques: N/A

| Program | Method             | Analyte      | Matrix | Primary | SOP |
|---------|--------------------|--------------|--------|---------|-----|
| SDWP    | EPA 300.0 Rev. 2.1 | Fluoride     | DW     | MN      |     |
| SDWP    | EPA 300.0 Rev. 2.1 | Nitrate as N | DW     | MN      |     |
| SDWP    | EPA 300.0 Rev. 2.1 | Nitrite as N | DW     | MN      |     |

**EPA 353.2 Rev. 2.0**

Preparation Techniques: N/A

| Program | Method             | Analyte                   | Matrix | Primary | SOP |
|---------|--------------------|---------------------------|--------|---------|-----|
| SDWP    | EPA 353.2 Rev. 2.0 | Nitrate as N              | DW     | MN      |     |
| SDWP    | EPA 353.2 Rev. 2.0 | Nitrate plus Nitrite as N | DW     | MN      |     |
| SDWP    | EPA 353.2 Rev. 2.0 | Nitrite as N              | DW     | MN      |     |

**SM 3113 B-10 (22nd Ed)**

Preparation Techniques: No Digestion;

| Program | Method                 | Analyte | Matrix | Primary | SOP |
|---------|------------------------|---------|--------|---------|-----|
| SDWP    | SM 3113 B-10 (22nd Ed) | Arsenic | DW     | MN      |     |
| SDWP    | SM 3113 B-10 (22nd Ed) | Lead    | DW     | MN      |     |

**SM 9223 B (Colisure - Presence/Absence)-2016 (23rd Ed)**

Preparation Techniques: N/A

| <b>Program</b> | <b>Method</b>  | <b>Analyte</b>             | <b>Matrix</b> | <b>Primary</b> | <b>SOP</b> |
|----------------|--|----------------------------|---------------|----------------|------------|
| SDWP           | SM 9223 B (Colisure - Presence/Absence)-2016 (23rd Ed) | Escherichia coli (E. coli) | DW            | MN             |            |
| SDWP           | SM 9223 B (Colisure - Presence/Absence)-2016 (23rd Ed) | Total coliforms            | DW            | MN             |            |

Note: Method beginning with "SM" refer to the approved editions of Standard methods for the Examination of Water and Wastes. Approved methods are listed in the applicable parts of Title 40 of the Code of Federal Regulations (including its subsequent Federal Register updates), MN Statutes and Rules, and state-issued permits.